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THESIS

AN EMPIRICAL ANALYSIS OF THE NAVY JUNIOR
RESERVE OFFICER TRAINING CORPS (NJROTC)

by

Henry Alan Zwartz

December 1987

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An Empirical Analysis of the
Navy Junior Reserve Officer Training Corps (NJROTC)

by

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Submitted in partial fulfillment of the
requirements for the degree of

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ABSTRACT

This thesis examined the Navy Junior Reserve Officer Training Corps program. Data from Defense Manpower Data Center accession and separation files were used to build a profile of this program. Statistical analysis performed provided information which is useful in measuring the performance of the Navy Junior Reserve Officer Training Corps program in relation to similar programs operated by the other military branches. Results of this analysis indicate the areas where the Navy Junior Reserve Officer Training Corps can become more efficient. An accurate means of tracking military accessions was also produced.



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I. INTRODUCTION

A. PROBLEM

There used to be a time when the Department of Defense would be granted most of its requests for increased spending in order to strengthen the military power and defense posture of the United States military. Budget deficits became the norm. It was not until the budget deficits started growing at alarming rates that they became major political issues in the campaigns of politicians.

While candidates for political office gave promises to balance the budget if they were elected, these promises went unfulfilled. Congressional leaders have finally acknowledged that the free-spending spirit of the government must be curtailed. With the passage of the Gramm-Rudman Bill, legislators are now beginning to consider budget cuts in order to reduce the federal deficit.

Obviously, one of the major problems of budget cutting is trying to decide what types of cuts should be made. Many programs are undergoing some type of budget reduction. The Junior Reserve Officer Training Corps (JROTC) program has not been immune to these reductions. With an initial authorization level of 1,600 JROTC units divided among the Army, Navy, Marine Corps, and Air Force, the total for all services is presently frozen at 1,479 units. This is shown

in Table 1. As Table 1 indicates, the Services are presently at about 8 percent below their authorization level. Due to a reduced budget, the Services are not allowed to expand beyond their current levels.

Program Managers for the Navy Junior Reserve Officer Training Corps (NJROTC) need information that will allow them to make more knowledgeable decisions about where and how their budgets can be trimmed.

TABLE 1		
NUMBER OF JUNIOR RESERVE OFFICER TRAINING CORPS (JROTC) UNITS AUTHORIZED AND ON-LINE BY SERVICE, SEPTEMBER 1987		
SERVICE	CURRENT AUTHORIZATION	AS OF SEP 87 ON-LINE
ARMY	896	862 (96%)
NAVY	289	241 (83%)
MARINES	80	80 (100%)
AIR FORCE	335	296 (88%)
TOTAL	1,600	1,479 (92%)
SOURCE: CHIEF OF NAVAL EDUCATION AND TRAINING, SEPTEMBER 1987.		

This thesis attempts to provide an empirical analysis of the NJROTC program. In so doing, it answers several questions about NJROTC graduates such as:

- What states do those who enlist in the military come from?
- What branch of the military do they enter?

- What is their Armed Forces Qualification Test (AFQT) category?
- What age are they most likely to enter the military?
- What career fields do they enter?

Answers to these questions are not only valuable to program managers, but can also be of value to recruiters of NJROTC graduates. This will be shown in Section III of the thesis. Data used were for fiscal years 1977 through 1986. Fiscal year 1987 data were not used because final updates of data files for 1987 were not completed in time for inclusion in this study.

B. BACKGROUND

The JROTC program can trace its origins back to 1911. However, the Army JROTC program was not officially recognized until the National Defense Act of 1916. The ROTC Revitalization Act of 1964 increased the number of JROTC units authorized and required the Air Force, Navy, and Marine Corps to establish JROTC programs. By 1966, all of the Services had activated their respective programs.¹

The JROTC program is a Department of Defense-funded voluntary training program for high school men and women in grades 9 through 12. There are currently over 219,000 cadets enrolled in JROTC units nationwide. Their distribution by Service is shown in Table 2.²

TABLE 2	
NUMBER OF JUNIOR RESERVE OFFICER TRAINING CORPS (JROTC) CADETS BY SERVICE, SEPTEMBER 1987	
SERVICE	NUMBER OF CADETS
ARMY	136,502
NAVY	30,728
MARINES	10,660
AIR FORCE	41,505
TOTAL	219,395
SOURCE: CHIEF OF NAVAL EDUCATION AND TRAINING, SEPTEMBER 1987.	

The ROTC Revitalization Act of 1964 put the responsibility of establishing JROTC units on the Secretary of each of the Military Departments. The act also called for an equitable geographical distribution of JROTC units throughout the nation. A minimum of 100 students are necessary for establishment and continuation of a unit. Schools are required to provide adequate facilities for classrooms, equipment storage space, and drill areas, and conduct, as a minimum, a three-year course of military instruction. Course membership in JROTC is limited to students who maintain academic and discipline standards acceptable to the military. The Services are required to provide necessary texts, equipment, and uniforms, and to establish the performance standards for their units. No military obligation is incurred for participating in JROTC.³

To enroll in the JROTC program, a student must be:

1. A citizen of the United States.
2. 14 years of age or older.
3. In good academic standing in school.
4. Able to participate in the physical education program of the school.
5. Selected by the military instructor and school officials.
6. Able to pass prescribed screening tests.

The JROTC program is a joint effort by the military and local school authorities to provide high school students with military science information consistent with other fields in secondary education. The JROTC program is built upon contemporary concepts of education and its goals and objectives are tuned to the needs of today's student. As prescribed by the implementing legislation, certain traditional concepts are included. The JROTC program, however, is specifically designed to meet the requirements of this era of scientific achievement and technological development, and the program is expected to play a key part in preparing future citizens for their roles in modern society.⁴

The JROTC program provides an opportunity for secondary school students to learn about the basic elements and requirements for national security and their personal obligations as Americans. As described in the NJROTC

Information Booklet, the JROTC program has the following specific goals and objectives.⁵

1. Goals

- a. Develop informed and responsible citizens.
- b. Strengthen character.
- c. Promote an understanding of the basic elements and requirements for national security.
- d. Develop habits of self-discipline.
- e. Develop respect for and understanding of the need for constituted authority in a democratic society.
- f. Develop an interest in the military services as a possible career.

2. Objectives

- a. Students will be able to readily accept the responsibility and importance of citizenship as it relates to the democratic principles upon which our country is founded.
- b. Students will be able to use operative principles of military leadership to attain a given goal or objective.
- c. Students will be able to achieve group solidarity and unit pride through the use of teamwork concepts.
- d. Students will be able to learn to use the chain of command as a means for communicating a redress, request, or grievance.
- e. Students will be able to rely on the intrinsic value of good order and discipline in the accomplishment of assigned objectives.
- f. Students will have a sound knowledge of military operations, organization, and the military's role in national and international security.

C. OBJECTIVES

This thesis will examine the demographic and other characteristics of Navy JROTC program graduates who enlist in the Army, Navy, Marine Corps, and Air Force. It will also provide a solid foundation upon which to build further research. The data analysis should also furnish Navy JROTC program managers with new information that can be useful in conducting efficiency and cost-benefit analyses.

D. SCOPE, LIMITATIONS, AND ASSUMPTIONS

The goal of this thesis is to provide an analysis of data that can be used by NJROTC program managers to perform efficiency studies of the program and cost-benefit analysis during the present era of budget cutting. The results of this analysis, for example, should help to lay the basic groundwork for future research in areas of regression analysis. It is beyond the scope of this thesis to explain why certain characteristics occur. Rather, it is intended that this work will provide an initial, broadbased foundation of information upon which other researchers can design future studies.

Limitations that affected the research accomplished for this thesis included:

- Data records maintained by some JROTC program managers pertaining to the early years of this study, were unavailable.

- The only data available from JROTC program managers were "soft" (that is, survey data which is not considered very accurate).
- There was a lack of previous research work. No prior research work was done in this area. Therefore, this thesis could not build upon previous work.
- There was a scarcity of literature available for review. Furthermore, literature that was available was often too general in nature.

The following assumptions were made in the study:

- Errors in the data, caused by the incorrect filling out of data base file format sheets, are no greater than one percent.⁶
- Differences in totals between cross-tabulations of two variables versus three variables is also no greater than one percent.⁷
- The data used in this study start in 1976 - ten years after the program began.⁸ The assumption is made that the number of JROTC units has remained fairly constant. This is true for all branches except the Army JROTC, which has increased its total units by 35 percent between fiscal years 1977 and 1986. Since the data analysis is measured by percentages, it is assumed that this will not have a large influence on the findings.

E. LITERATURE REVIEW AND METHODOLOGY

The literature reviewed was mostly general in nature. No record of any prior research performed in this area could be found. Because this is apparently the first research work of its type using "hard" data, this thesis emphasizes the presentation of descriptive statistics supplied by the Defense Manpower Data Center (DMDC), in Monterey, California.

II. METHODOLOGY

A. DATA FILES

The data files were supplied by the Defense Manpower Data Center (DMDC) located in Monterey, California. DMDC has many data files dating back to fiscal year 1971. However, the files used for this thesis are the Active Duty Service Gain Files beginning with fiscal year 1977 and ending with fiscal year 1986. This ten-year period was chosen because the Active Duty Service Gain Files only maintain partial data for fiscal year 1976. Fiscal year 1977 was the first full year of complete data. Fiscal year 1987 data files were not completely updated at the time of this thesis research and, therefore, fiscal year 1986 was the last year of complete data available. These data files are updated on a quarterly basis. These files only cover active duty enlistments. They do not cover reservists or officer accessions.

Another file which was used in this thesis research was the Active Duty Loss Transaction Files for fiscal years 1977 through 1986. These files are available back to fiscal year 1971. However, as with the Active Duty Service Files, data prior to fiscal year 1977 is incomplete and the fiscal year 1987 data files were not yet updated at the time of this research.

B. VARIABLES

An example of the data base file format sheet can be found in Appendix A. The variables to be analyzed and the corresponding columns of the data base file format are listed in Table 3.

C. STRUCTURE OF ANALYSIS

The Statistical Analysis System (SAS) computer package was used for the data analysis. Two-and three-way tables of cross-classification, also known as contingency tables, were used in the data analysis. In order to explore any possible pattern or relationship between variables, it is useful to first convert these results into percentages based on the following:⁹

1. The overall total
2. The row totals
3. The column totals

"Supertables" were also extensively used. A supertable is essentially a collection of cross-classification tables for the same column variable and categories. However, as many row variables as desired are included for comparison against the column variable. The data in each cell of the table are always given as a percentage of its corresponding row total. This permits line-by-line comparisons for the categories within a particular row variable as well as for the categories among the various row variables.¹⁰

TABLE 3

LIST OF VARIABLES FOR ANALYSIS BY DMDC DATA BASE
FILE FORMAT SHEET COLUMN NUMBER.

VARIABLE #	COLUMN #	VARIABLE
1.	10	Home of Record (HOR)
2.	16	Age at Entry (AGEENT)
3.	18/92	Highest Year Education Completed (HYEC)
4.	19	SEX
5.	22	Race Ethnic (RACEETH)
6.	26	AFQT Groups (AFQT)
7.	39/94	Service of Accession (SERVICE)
8.	61	Term of Enlistment (TOE)
9.	62	Entry Paygrade (ENTPG)
10.	75	Youth Program (JROTC)
11.	86/87	Total Active Federal Military Service (YEARS)
12.	88/89	DOD Primary Occupation Code (DPOC2)
13.	93	Paygrade (PG)
14.	100	Inter-Service Separation Code (ISCX)
15.	111	Character of Service (CHARSVC)

SOURCE: DEFENSE MANPOWER DATA CENTER (DMDC),
SEPTEMBER 1987.

The following is a list of cross-classification tables that were analyzed for accessions:

1. Term of Enlistment (TOE)
2. Entering Paygrade (ENTPG)
3. Home of Record (HOR)
4. Age at Entry (AGEENT) by Sex
5. AGEENT by Race Ethnic (RACEETH)
6. AGEENT by Service
7. Highest Year Education Completed (HYEC) by Sex
8. HYEC by RACEETH
9. HYEC by Service
10. Sex by RACEETH
11. Sex by AFQT Group (AFQT)
12. Sex by Service
13. RACEETH by AFQT
14. RACEETH by Service
15. AFQT by Service
16. Youth Program (JROTC) by Service

The following is a list of cross-classification tables which were analyzed for separations:

1. JROTC by Service
2. Inter-service Separation Code (ISCX) by Total Active Federal Military Service (YEARS)
3. YEARS by Service
4. YEARS by JROTC
5. ISCX by Service

6. ISCX by JROTC
7. Fiscal Year Loss by Service
8. Character of Service (CHARSVC) by Service
9. CHAR SVC by JROTC
10. Pay Grade (PG) by Service
11. PG by JROTC
12. HVEC by Service
13. HVEC by JROTC
14. DOD Primary Occupation Code (DPOC2) by Service
15. DPOC2 by JROTC
16. Sex by Service
17. Sex by JROTC
18. RACEETH by Service
19. RACEETH by JROTC.

This final list consists of three-way tables that were analyzed for accessions:

1. HOR by JROTC for Service
2. HOR by AFQT for Service
3. HOR by HVEC for Service
4. AGEENT by RACEETH for Sex
5. AGEENT by JROTC for Service
6. RACEETH by JROTC for Sex
7. RACEETH by Service for Sex
8. RACEETH by AFQT for Sex
9. RACEETH by HVEC for Sex
10. JROTC by Service for Sex

11. AGEENT by Service for Sex
12. HYEC by JROTC for Sex
13. HYEC by JROTC for Service
14. AFQT by Service for Sex
15. AFQT by JROTC for Service

The population size for data analysis is represented in Table 4. Total size is 56,852. This is the total population of JROTC graduates from all of the Services JROTC programs that enlisted into the active duty military in fiscal year 1977 through fiscal year 1986. This population was chosen because complete data was available for use in the following analysis.

TABLE 4

TOTAL NUMBER OF JROTC GRADUATES (ALL SERVICES) WHO ENLISTED IN THE ACTIVE DUTY MILITARY BY SERVICE,
FISCAL YEARS 1977 - 1986

	FY 77	FY 78	FY 79	FY 80	FY 81	FY 82	FY 83	FY 84	FY 85	FY 86	TOTAL
ARMY	2390 (40.18)	2680 (45.58)	2393 (43.61)	2444 (44.84)	2131 (43.24)	1999 (42.98)	2480 (49.24)	3509 (52.39)	3033 (47.96)	3238 (50.21)	26,297 (46.26)
NAVY	1725 (29.00)	1438 (24.46)	1295 (23.60)	1088 (19.96)	1028 (20.86)	849 (18.25)	1056 (20.96)	1291 (19.27)	1450 (22.93)	1463 (22.69)	12,683 (22.31)
MARINES	504 (8.47)	605 (10.29)	579 (10.55)	690 (12.66)	586 (11.89)	597 (12.84)	605 (12.01)	890 (13.29)	829 (13.11)	752 (11.66)	6,637 (11.67)
AIR FORCE	1329 (22.34)	1157 (19.68)	1220 (22.23)	1228 (22.53)	1183 (24.01)	1206 (25.93)	896 (17.79)	1008 (15.05)	1012 (16.00)	996 (15.44)	11,235 (19.76)
TOTAL	5948 (100)	5880 (100)	5487 (100)	5450 (100)	4928 (100)	4651 (100)	5037 (100)	6698 (100)	6324 (100)	6449 (100)	56,852 (100)

SOURCE: DEFENSE MANPOWER DATA CENTER, NOVEMBER 1987

*Figures in parentheses are percent of yearly totals.

III. ANALYSIS

A. ACCESSIONS DATA

When comparing Table 4 and Table 5, there is a difference of 526 accessions. This is due to one percent of the accessions coming from unknown JROTC units. These accessions were deleted from Table 5.

The first important observation is that while the Navy has 16.3 percent of the JROTC units (as shown in Table 6), only 15.02 percent of all active duty enlisted accessions come from Navy JROTC programs. But the Navy still comes out ahead, because 22.79 percent of JROTC graduate accessions enter the active duty Navy. Although 41.38 percent of Navy JROTC graduate accessions enlist in the Navy, another 31.8 percent enlist in the Army. One reason that might explain such a high percentage of Navy JROTC graduates enlisting in the Army could be a lack of interest generated by Navy JROTC summer camps. Another reason could be the fact that Navy JROTC units are usually located closer to Army bases. A third reason could be students who were interested in other service JROTC programs were forced to enter the Navy JROTC program because the other service programs were not available in their area. A survey could be used to determine the answer to this problem. A researcher could send out a survey form to Navy JROTC graduates, especially to

graduates who enlist in the military, to determine the enlistment propensities and attitudes of the graduates.

The data in Table 5 are also invaluable in determining a cost-benefit analysis of the Navy JROTC. In fiscal year 1986, the Navy JROTC costs were approximately \$10.7 million, while only 378 Navy JROTC graduates enlisted in the Navy. This converts to

TABLE 5					
TOTAL NUMBER AND PERCENT OF ACTIVE DUTY ENLISTMENTS OF JROTC GRADUATES (ALL SERVICES) BY SERVICE JROTC, FISCAL YEARS 1977 - 1986					
	ARMY JROTC	NAVY JROTC	MARINE JROTC	AIR FORCE JROTC	TOTAL
ARMY %	17,810 (31.62)	2,690 (4.78)	633 (1.12)	4,748 (8.43)	25,881 -----
ROW %	(68.81)	(10.39)	(2.45)	(18.35)	(100)
COLUMN %	(55.03)	(31.80)	(28.23)	(35.81)	(45.95)
NAVY %	6,207 (11.02)	3,500 (6.21)	440 (.78)	2,688 (4.77)	12,835 -----
ROW %	(48.36)	(27.27)	(3.43)	(20.94)	(100)
COLUMN %	(19.18)	(41.38)	(19.63)	(20.27)	(22.79)
MARINES %	3,313 (5.88)	1,181 (2.10)	878 (1.56)	1,168 (2.07)	6,540 -----
ROW %	(50.66)	(18.06)	(13.42)	(17.86)	(100)
COLUMN %	(10.24)	(13.96)	(39.16)	(8.81)	(11.61)
AIR FORCE %	5,035 (8.94)	1,088 (1.93)	291 (.52)	4,656 (8.27)	11,070 -----
ROW %	(45.48)	(9.83)	(2.63)	(42.06)	(100)
COLUMN %	(15.55)	(12.86)	(12.98)	(35.11)	(19.65)
ROW %	(57.46)	(15.02)	(3.98)	(23.54)	(100)
TOTAL	32,365	8,459	2,242	13,260	56,326
COLUMN %	(100)	(100)	(100)	(100)	(100)
SOURCE: DEFENSE MANPOWER DATA CENTER, NOVEMBER 1987					

an astounding cost of over \$28 thousand per accession. The cost decreases substantially if enlistments into other services are included. For example, with a total of 961 accessions across all Services, the cost per accession drops to about \$11 thousand. If other service JROTC graduates who enlist in the Navy are included, (a total of 1,463 accessions), the cost per Navy accession falls again to about \$7 thousand. The costs are eventually decreased even further if accessions into the reserve and officer programs are included.

TABLE 6	
TOTAL NUMBER AND PERCENT OF JROTC UNITS BY SERVICE, SEPTEMBER 1987	
SERVICE	UNITS
ARMY %	862 (58.28)
NAVY %	241 (16.30)
MARINES %	80 (5.41)
AIR FORCE %	296 (20.01)
TOTAL	1,479 (100)
SOURCE: CHIEF OF NAVAL EDUCATION AND TRAINING, SEPTEMBER 1987	

Continuing with the data analysis, it was found that 72 percent of Navy JROTC graduates enlist for four years, while 6.5 percent enlist for greater than four years. In fiscal years 1985 and 1986, eight-year enlistments comprised five percent of total enlistments. Fifty-four percent of the Navy JROTC graduates enter at a paygrade of E-3, and 31 percent enter at paygrade E-2.

By studying the Home of Record data in Table 7, the Navy JROTC program manager can find the percentage of accessions "produced" by each state. An investigation of differences between high and low production states could help to isolate the important factors and possibly help to improve production in states at the bottom end of the distribution. The manager could also use other Home of Record data to discover what states are supplying Navy enlistments from other JROTC programs, such as Georgia and South Carolina, where 66.8 percent and 83.7 percent of Navy enlistments in these states, respectively, come from Army JROTC programs. The program manager could move more units into these areas and remove units from the less productive areas.

The age at which most NJROTC graduates enter the Navy is 18 years. Overall, about 42 percent enlist at this age, followed by 22 percent at 19 years. Thirteen percent are 17 years of age and 23 percent are 20 years or older. Ninety-one percent are men and nine percent are women. The proportion of whites who enlist from Navy JROTC programs is

TABLE 7

HOME OF RECORD FOR NAVY JROTC GRADUATES WHO ENLISTED
IN THE MILITARY BY SERVICE (PERCENT),
FISCAL YEARS 1977 - 1986

STATE	ARMY	NAVY	MARINES	AIR FORCE	TOTAL
ALABAMA	.79	.73	.39	.24	2.15
ALASKA	.08	.14	.02	0	.24
AMERICAN SAMOA	0	0	0	0	0
ARIZONA	.39	.76	.40	.27	1.82
ARKANSAS	.53	.80	.51	.11	1.95
CALIFORNIA	1.3	3.37	.67	.52	5.86
CANAL ZONE (OBS)	0	0	0	0	0
COLORADO	.12	.24	.05	.09	.5
CONNECTICUT	.04	.09	0	.05	.18
DELAWARE	.01	.02	0	0	.03
DIS. OF COLUMBIA	.15	.09	.17	.01	.42
FLORIDA	5.46	5.50	2.19	2.05	15.2
GEORGIA	1.71	2.58	.78	.82	5.89
GUAM	.12	.24	.05	.02	.43
HAWAII	.06	.04	.02	0	.12
IDAHO	.27	.28	.05	.24	.84
ILLINOIS	.25	.48	.04	.07	.84
INDIANA	.17	.54	.04	.20	.95
IOWA	.01	.02	.01	.02	.06
KANSAS	.09	.38	.02	.05	.54
KENTUCKY	.73	.73	.47	.39	2.32
LOUISIANA	.83	1.53	.35	.26	2.97

TABLE 7 - CONTINUED

HOME OF RECORD FOR NAVY JROTC GRADUATES WHO ENLISTED IN THE MILITARY BY SERVICE (PERCENT), FISCAL YEARS 1977 - 1986					
STATE	ARMY	NAVY	MARINES	AIR FORCE	TOTAL
MAINE	0	.01	0	0	.01
MARYLAND	.61	.31	.41	.11	1.44
MASSACHUSETTS	.19	.24	.08	.11	.62
MICHIGAN	.17	.43	.01	.07	.68
MINNESOTA	.26	.47	.14	.08	.95
MISSISSIPPI	1.16	1.48	.20	.40	3.24
MISSOURI	.26	.45	.12	.12	.95
MONTANA	.06	.20	.26	.13	.65
NEBRASKA	.01	.04	0	0	.05
NEVADA	.46	.52	.17	.18	1.33
NEW HAMPSHIRE	.12	.17	.02	.17	.48
NEW JERSEY	.22	.79	.21	.31	1.53
NEW MEXICO	.52	1.29	.26	.30	2.37
NEW YORK	.22	.66	.15	.19	1.22
NORTH CAROLINA	3.23	1.61	1.04	.91	6.79
NORTH DAKOTA	0	.02	0	0	.02
OHIO	.82	.89	.37	.12	2.2
OKLAHOMA	.07	.19	0	.01	.27
OREGON	.01	.07	0	.01	.09
PENNSYLVANIA	.17	1.73	.09	.38	2.37
PUERTO RICO	.01	.01	0	0	.02
RHODE ISLAND	.33	.13	.13	.09	.68

TABLE 7 - CONTINUED

HOME OF RECORD FOR NAVY JROTC GRADUATES WHO ENLISTED IN THE MILITARY BY SERVICE (PERCENT), FISCAL YEARS 1977 - 1986					
STATE	ARMY	NAVY	MARINES	AIR FORCE	TOTAL
SOUTH CAROLINA	2.02	3.05	.65	.99	6.71
SOUTH DAKOTA	.01	.05	0	0	.06
TENNESSEE	.79	1.15	.20	.15	2.29
TEXAS	2.33	3.44	1.42	.92	8.11
UTAH	.05	.22	.05	.12	.44
VERMONT	0	.04	0	.01	.05
VIRGINIA	4.07	2.20	1.43	1.39	9.09
VIRGIN ISLANDS	0	.05	0	0	.05
WASHINGTON	.48	.51	.24	.12	1.35
WEST VIRGINIA	0	.05	.02	0	.07
WISCONSIN	0	.18	.02	0	.20
WYOMING	.06	.18	.02	.06	.32
SOURCE: DEFENSE MANPOWER DATA CENTER, NOVEMBER 1987					

62 percent, with blacks and Hispanics following at 20 percent and 15 percent, respectively. These percentages are the same for males, while there are five percent more black women and six percent less white women. Twenty-seven percent of white male JROTC graduates enlist in the Navy, while 19 percent black males and 18 percent Hispanic males

enter the Navy. Twenty-two percent of the white female JROTC graduates enlist in the Navy, while 18 percent and 16 percent of the black and Hispanic females, respectively, enter the Navy.

Of those JROTC graduates enlisting in the Navy, 47 percent fall into AFQT categories I through IIIa, with another 31 percent falling in AFQT category IIb and 14 percent falling in AFQT category IVa. Eighty-nine percent of the female enlistees have entrance scores in categories I through IIb, whereas only 77 percent of the male enlistees fall in these same categories. Looking at the AFQT levels of Navy JROTC graduates, 47 percent fall in categories I through IIIa, 31 percent in category IIb, and 13 percent in category IVa. Only the Air Force gets a higher percentage of AFQT category I through IIIa JROTC program graduates, at 53 percent. The Navy JROTC graduates who have entrance test scores in AFQT categories I through IIIa and eventually enlist do so at a rate of 45 percent into the Navy, 26 percent into the Army, 16 percent into the Air Force, and 13 percent into the Marines.

White males who score in AFQT categories I through IIIa do so at 58 percent, while the same categories of black and Hispanic males are 25 percent and 15 percent, respectively. White women in categories I through IIIa total 60 percent, compared with 44 percent of black women and 21 percent of Hispanic women.

Eighty-eight percent of the males completed high school, compared with 93 percent of women. These figures are the same for Navy JROTC graduates. White women are at 92 percent with black and Hispanic women at 94 percent. For Navy JROTC graduates, white women increase to 94 percent with black women at 93 percent and Hispanic women at 96 percent completing high school (as their highest year of education).

B. SEPARATIONS DATA

A separation is an any service JROTC program graduate who enlisted into any active duty branch of military service and was released from active duty any fiscal year between fiscal year 1977 and fiscal year 1986, inclusive. This data exhibits results that reflect what happened to earlier fiscal year cohorts because later fiscal year cohorts (e.g., fiscal year 1986) have only been in the military for two years and are still on active duty.

The number of separations in this sample can be found in Table 8. While 24.1 percent of all separations, by JROTC graduates are from the Navy, only 14.5 percent of these individuals were graduates of Navy JROTC programs.

Of these 4,257 separations, 51 percent were due to expiration of term of services; 31 percent were due to failure to meet minimum behavioral and performance criteria (such as drugs, financial irresponsibility); 7 percent were

due to medical disqualifications; 7 percent were other separations or discharges; and 2 percent were entered into officer commissioning programs. Eighty-two percent of these separations occurred at four or less years of service, while 44 percent occurred with between four and seven years of service. The greatest percentage of separations, 29 percent, occurred at the four-year point, and the second greatest, 22 percent, occurred at the one-year point. For those separations at the one-and two-year points, 59 percent were due to failure to meet minimum behavioral and performance criteria.

It is interesting to note that 73 percent of the separations discussed above were honorable, 10 percent were under honorable conditions, and 7 percent were under other than honorable conditions. This was the same for all JROTC graduates regardless of their JROTC program.

The Navy JROTC graduates who separated from the military, regardless of branch of service, did so at the proportions of 69 percent being white, 19 percent were Hispanic, and 10 percent were black.

Among the different branches of service, the Navy had the highest percentage of whites who separated, as 47 percent left the service. The Army followed with 25 percent of its whites leaving. However, the Army had larger percentages of Hispanics and blacks who separated as 46 percent of the Hispanics and 39 percent of the blacks were

TABLE 8

TOTAL NUMBER OF ALL SERVICES JROTC GRADUATES
WHO SEPARATED FROM ACTIVE DUTY MILITARY SERVICES
BY SERVICE, FISCAL YEARS 1977-1986

	ARMY	NAVY	MARINES	AIR FORCE	TOTAL
ARMY JROTC	9,446	3,633	2,700	1,845	17,624
%	(32.17)	(12.37)	(9.19)	(6.28)	-----
ROW %	(53.60)	(20.61)	(15.32)	(10.47)	(100)
COLUMN %	(71.58)	(51.34)	(47.99)	(53.22)	(60.01)
NAVY JROTC	1,301	1,838	541	577	4,257
%	(4.43)	(6.26)	(1.84)	(1.96)	-----
ROW %	(30.56)	(43.18)	(12.71)	(13.55)	(100)
COLUMN %	(9.86)	(25.97)	(9.62)	(16.64)	(14.50)
MARINES JROTC	288	233	151	465	1,137
%	(.98)	(.79)	(.51)	(1.58)	-----
ROW %	(25.33)	(20.49)	(13.28)	(40.90)	(100)
COLUMN %	(2.18)	(3.29)	(2.68)	(13.41)	(3.87)
AIR FORCE	2,162	1,373	2,234	580	6,349
%	(7.36)	(4.68)	(7.61)	(1.98)	-----
ROW %	(34.05)	(21.63)	(35.19)	(9.13)	(100)
COLUMN %	(16.38)	(19.4)	(39.71)	(16.73)	(21.62)
ROW %	(44.94)	(24.1)	(19.16)	(11.80)	(100)
TOTAL	13,197	7,077	5,626	3,467	29,367
COLUMN %	(100)	(100)	(100)	(100)	(100)

SOURCE: DEFENSE MANPOWER DATA CENTER, OCTOBER 1987

out of the military. The Hispanics and blacks who left the Navy, did so almost at equal proportions. Thirty-three percent of the Hispanics and 31 percent of the blacks separated from the Navy.

Out of all separations, 91 percent were men and 9 percent were women. The majority of these men and women separated from

the Navy. Forty-three percent of the males and 41 percent of the females were separated from the Navy.

Table 9 lists the proportions of Navy JROTC graduates within certain occupational areas as well as the non-occupational area. A non-occupational area includes patients and prisoners, students and trainees, and undesignated occupations. While the largest proportions, 24.48 percent, is in the non-occupational area, 19.56 percent is in the electrical/mechanical equipment repairs. Only 6.73 percent of the Navy JROTC graduates separated while in the electronics occupational area. This could be a signal to Navy JROTC program managers that there is a need to establish units with more technical courses.

TABLE 9	
PERCENT OF NAVY JROTC GRADUATES SEPARATED FROM ACTIVE DUTY MILITARY SERVICE BY OCCUPATIONAL AREA, FISCAL YEARS 1977 - 1986	
OCCUPATIONAL AREA	%
INFANTRY, GUN CREWS, AND SEAMANSHIP SPECIALISTS	15.1
ELECTRONIC EQUIPMENT REPAIRERS	6.7
COMMUNICATIONS AND INTELLIGENCE SPECIALISTS	8.4
MEDICAL AND DENTAL SPECIALISTS	4.1
OTHER TECHNICAL AND ALLIED SPECIALISTS	1.3
FUNCTIONAL SUPPORT AND ADMINISTRATION	9.1
ELECTRICAL/MECHANICAL EQUIPMENT REPAIRERS	19.6
CRAFTSMEN	3.2
SERVICE AND SUPPLY HANDLERS	8.0
NON-OCCUPATIONAL	24.5
TOTAL	100.0
SOURCE: DEFENSE MANPOWER DATA CENTER, OCTOBER 1987	

IV. SUMMARY AND RECOMMENDATIONS

A. SUMMARY

It has been found that the Navy JROTC program falls short in one of its goals of providing the military with accessions in the area of active duty enlistments. It was also found that, while only 41 percent of Navy JROTC graduates enter the Navy, 32 percent enlist in the Army. Forty-eight percent of those JROTC graduates who enlist in the Navy were graduates of the Army JROTC program while only 27 percent were Navy JROTC graduates. While the Navy holds only a 16 percent share of the JROTC units, second only to the Marines in fewest units, it manages to attract a 23 percent share of the total, all services JROTC program graduates.

Depending on what variables are used when performing a cost-benefit analysis, different results can be obtained. The survey data presently used by Navy JROTC program managers may give misleading results to this type of analysis.

An analysis of Home of Record data files can be of some help to program managers as this research has proven. States that produce low accession figures can be used for identifying units with problems that might exist. Iowa and West Virginia, with two of the lowest accession figures, are possible examples of this. The data are invaluable to the

Navy JROTC program manager who must find ways to efficiently make budget cuts. States with accessions from other JROTC units into the Navy, such as Georgia and South Carolina might produce more Navy accessions if more Navy JROTC units are established in these states.

The analysis also produced evidence that the AFQT levels of Navy JROTC graduates were actually lower than the levels of other enlisted accessions.¹¹ Another alarming find was that 31 percent of those Navy JROTC graduates who had separated from the military, did so by failing to meet "minimum behavioral and performance criteria."

B. RECOMMENDATIONS

It is recommended that the methods of analysis used in this thesis be used by the Navy JROTC program managers for keeping track of Navy JROTC graduate accessions. By using these methods, a more accurate cost benefit analysis can be performed and performances of JROTC units can be more closely monitored. From the occupational area data analyzed, it seems more emphasis needs to be placed on technical careers. A better job of recruiting by Navy JROTC unit commanders also could help.

C. FUTURE RESEARCH

Possible future research could entail developing a questionnaire and having a survey taken of Navy JROTC graduates as to why they did or did not enlist in the branch

of service of their JROTC unit. A regression analysis could also be performed using the variables from the survey and determining an equation for predicting military accessions of Navy JROTC graduates.

A cost-benefit analysis between the Navy JROTC program and other types of programs (e.g., sea cadets) could be researched. A cost benefit analysis between the different recruiting programs and the Navy JROTC could also be done.

Research could be performed in the area of military performance. An analyst could compare the military performance records and characteristics of JROTC graduates (by and across services) with non-JROTC graduates. This could show that JROTC graduates are better performers. The results of this research could have a large effect on any cost-benefit analysis performed.

FILE FORMAT SHEET

FILE NAME: _____

RECORD LENGTH: 195

COLUMN	DESCRIPTION	COLUMN	DESCRIPTION
1.		51.	BLOOD PRESSURE - DIASTOLIC
2.		52.	MEDICAL 1
3.	SOCIAL SECURITY NUMBER	53.	FAILURE 2
4.		54.	CODES 3
5.	CENSUS Region	55.	WAIVER
6.	District	56.	WAIVER APPROVAL LEVEL
7.	HOME OF First 3 digits	57.	EXAMINATION STATUS
8.	RECORD	58.	Y
9.	ZIP CODE Last 3 digits	59.	M DATE OF ENTRY
10.	HOME OF RECORD	60.	D
11.	Y DATE OF DETERMINATION	61.	TERM OF ENLISTMENT
12.	M	62.	ENTRY PAY GRADE
13.	Y	63.	
14.	M DATE OF BIRTH	64.	HOME OF RECORD COUNTY FIPS
15.	D	65.	
16.	AGE AT ENTRY	66.	PROGRAM
17.	RECORD IDENTIFICATION	67.	ENLISTED
18.	HYEC	68.	FOR
19.	SEX	69.	
20.	RACE	70.	RESERVED
21.	ETHNIC	71.	
22.	RACE ETHNIC	72.	AFES STATION/MEPS
23.	MARITAL STATUS/DEPENDENTS	73.	BONUS OPTION
24.	TEST FORM	74.	ENLISTMENT OPTION
25.	AFOT PERCENTILE	75.	YOUTH PROGRAM
26.	AFOT GROUPS	76.	RESERVED
27.	1	77.	EDUCATION CERTIFICATE
28.	2	78.	TAPE DATE MONTH
29.	3	79.	ORIGINAL AFOT PERCENTILE
30.	4	80.	ORIGINAL AFOT GROUPS
31.	5	81.	
32.	6	82.	TRAINING/ENLISTMENT
33.	7	83.	MOS/AFSC/RATING
34.	8	84.	
35.	9	85.	
36.	10	86.	TAFMS
37.	11	87.	1
38.	12	88.	DPOC
39.	SERVICE OF ACCESSION	89.	1
40.	PRIOR SERVICE	90.	DDOC
41.	PUL	91.	1
42.	HES	92.	HYEC 1
43.	APTITUDE 13	93.	PAYGRADE 1
44.	AREA 14	94.	SERVICE 1
45.	SCORES 15	95.	MARITAL STATUS 1
46.	16	96.	NUMBER OF DEPENDENTS 1
47.	ENTRY STATUS	97.	
48.	HEIGHT	98.	SPN/SPD 1
49.	WEIGHT	99.	
50.	BLOOD PRESSURE - SYSTOLIC	100.	ISC 1

COLUMN	DESCRIPTION	COLUMN	DESCRIPTION
101.	Y	151.	TAFMS LOSS
102.	M DATE OF SEPARATION	152.	DPOC
103.	D	153.	FAILURE LOSS
104.	Y	154.	DDOC LOSS
105.	M BASD	155.	
106.	D	156.	HVEC LOSS
107.	Y ETS	157.	PAYGRADE LOSS
108.	M	158.	SERVICE LOSS
109.	Y DOLE	159.	MARITAL STATUS LOSS
110.	M	160.	DEPENDENTS LOSS
111.	CHARACTER OF SERVICE 1	161.	
112.	ELIGIBILITY TO REENLIST 1	162.	SPN/SPD LOSS
113.	Y	163.	
114.	M PEBD	164.	ISC
115.	D	165.	Y
116.	FILE FLAG 1	166.	M LOSS
117.		167.	D
118.	TAFMS 2	168.	Y
119.		169.	M BASD LOSS
120.	DPOC 2	170.	D
121.		171.	Y LOSS
122.	DDOC 2	172.	M ETS
123.		173.	Y LOSS
124.	HVEC 2	174.	M DOLE
125.	PAYGRADE 2	175.	CHARACTER OF SERVICE LOSS
126.	SERVICE 2	176.	ELIGIBILITY TO REENLIST LOSS
127.	MARITAL STATUS 2	177.	Y
128.	NUMBER OF DEPENDENTS 2	178.	M PEBD LOSS
129.		179.	D
130.	SPN/SPD 2	180.	FILE FLAG LOSS
131.		181.	
132.	ISC	182.	
133.	Y	183.	FILE MATCH
134.	M DATE OF SEPARATION 2	184.	INDICATORS
135.	D	185.	
136.		186.	DOE YEAR INTO D.E.P.
137.	BASD 2	187.	DOE MONTH INTO D.E.P.
138.		188.	MONTHS IN D.E.P.
139.	Y ETS 2	189.	SPANISH FLAG MASTER/LOSS
140.	M	190.	Y DCPG
141.	Y DOLE 2	191.	M
142.	M	192.	
143.	CHARACTER OF SERVICE 2	193.	BINARY ZEROS
144.	ELIGIBILITY TO REENLIST 2	194.	
145.	Y	195.	
146.	M PEBD 2	196.	
147.	D	197.	
148.	FILE FLAG 2	198.	
149.		199.	
150.	TAFMS LOSS	200.	

APPENDIX B

TABLE DEFINITION KEY

RACEETH

0 - Undefined
 1 - White
 2 - Black
 3 - Hispanic
 4 - American Indian/Alaskan Native
 5 - Asian/Pacific Islander
 6 - Other/Unknown

AFQT SCORE

0 - Undefined
 1 - (V) 1-9
 2 - (IVc) 10-15
 3 - (IVb) 16-20
 4 - (IVa) 21-30
 5 - (IIIA) 31-49
 6 - (IIIA) 50-64
 7 - (II) 65-92
 8 - (I) 93-99

JROTC

10- JROTC - 3-yr program
 11- Army JROTC - 3-yr program
 12- Navy JROTC - 3-yr program
 13- Air Force JROTC - 3-yr program
 14- Marine Corps JROTC - 3-yr program
 20- JROTC - 4-yr program
 21- Army JROTC - 4-yr program
 22- Navy JROTC - 4-yr program
 23- Air Force JROTC - 4-yr program
 24- Marine Corps JROTC - 4-yr program

TOE (Term of Enlistment)

YEARS

ENT PG (Entry Paygrade)

1 - E-1
 2 - E-2
 3 - E-3
 4 - E-4
 5 - E-5

SEX

1 - Male
 2 - Female

SVC (Service)

1 - Army
 2 - Navy
 3 - Air Force
 4 - Marine Corps
 5 - Preinductee
 8 - Navy

HYEC (Highest Year Education Completed)

2 - 8 years
 3 - 1 Year High School
 4 - 2 Years High School
 5 - 3-4 Years High School (no diploma)
 6 - High School Diploma
 7 - 1 Year College
 8 - 2 Years College
 9 - 3-4 Years College (no degree)
 10- College Graduate
 13- High School G.E.D.

AGEENT (Age at Entry)

YEARS

APPENDIX B
HOR (HOME OF RECORD)

State Codes

Alabama	AL	01
Alaska	AK	02
American Samoa	AQ	03
Arizona	AZ	04
Arkansas	AR	05
California	CA	06
Canal Zone (obsolete)	PQ	07
Colorado	CO	08
Connecticut	CT	09
Delaware	DE	10
District of Columbia	DC	11
Florida	FL	12
Georgia	GA	13
Guam	GO	14
Hawaii	HI	15
Idaho	ID	16
Illinois	IL	17
Indiana	IN	18
Iowa	IA	19
Kansas	KS	20
Kentucky	KY	21
Louisiana	LA	22

APPENDIX B

HOR (HOME OF RECORD) (CONTINUED)

State Codes

Maine	ME	23
Maryland	MD	24
Massachusetts	MA	25
Michigan	MI	26
Minnesota	MN	27
Mississippi	MS	28
Missouri	MO	29
Montana	MT	30
Nebraska	NE(NB)	31
Nevada	NV	32
New Hampshire	NH	33
New Jersey	NJ	34
New Mexico	NM	35
New York	NY	36
North Carolina	NC	37
North Dakota	ND	38
Ohio	OH	39
Oklahoma	OK	40
Oregon	OR	41
Pennsylvania	OA	42
Puerto Rico	RQ	43
Rhode Island	RI	44

APPENDIX B

HOR (HOME OF RECORD) (CONTINUED)

State Codes

South Carolina	SC	45
South Dakota	SD	46
Tennessee	TN	47
Texas	TX	48
Utah	UT	49
Vermont	VT	50
Virginia	VA	51
Virgin Islands	VQ	52
Washington	WA	53
West Virginia	WV	54
Wisconsin	WI	55
Wyoming	WY	56

TABLE C-1

ALL SERVICES JROTC MALE GRADUATES FOR FISCAL YEARS 1977-1986,
BY RACE/ETHNIC GROUP AND JROTC PROGRAM GRADUATED FROM

RACE/ETHNIC	JROTC	10	11	12	13	14	20	21	22	23	24	TOTAL
FREQUENCY												
PERCENT												
ADJ. PCT												
COL. PCT												
0		0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
1		0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
2		0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
3		0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
4		0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
5		0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
6		0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
TOTAL		0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00

TABLE C-2

ALL SERVICES JROTC FEMALE GRADUATES FOR FISCAL YEARS 1977-1986,
BY RACE/ETHNIC GROUP AND JROTC PROGRAM GRADUATED FROM

RACE/ETH	JROTC	10	11	12	13	14	20	21	22	23	24
FREQUENCY											
PERCENT											
ADJ PCT											
COL PCT											
0		0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
1		0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
2		0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
3		0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
4		0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
5		0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
6		0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
TOTAL	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00

TABLE C-3

ALL SERVICES JROTC MALE GRADUATES FOR FISCAL YEARS
1977-1986, BY RACE/ETHNIC GROUP AND
BRANCH OF SERVICE ENLISTED INTO

RACE/ETHNIC GROUP	SERVICES				TOTAL
	ARMY	NAVY	USAF	USMC	
0	40.063	23.006	00.000	20.023	103.092
1	109.771	77.850	09.525	33.171	298.997
2	159.061	218.136	15.323	163.138	1122.668
3	155.222	190.316	15.775	108.000	1319.313
4	40.343	20.153	10.000	10.111	172.607
5	50.203	20.000	10.000	10.000	90.203
6	50.117	20.000	10.000	10.000	90.117
TOTAL	234.111	120.733	100.111	162.338	617.293

TABLE C-4

ALL SERVICES JROTC FEMALE GRADUATES FOR FISCAL YEARS
1977-1986, BY RACE/ETHNIC GROUP AND
BRANCH OF SERVICE ENLISTED INTO

RACE/ETHNIC	SERVICE					
FREQUENCY PERCENT ROW COL	PERCENT ROW COL	ARMY	NAVY	USAF	USMC	TOTAL
0		70.13 1.44 0.34	2.22 7.16 5.10	0.22 7.16 0.34	14.02 0.34 0.34	0.14 0.27
1		18.93 40.54 30.53	13.53 33.33 33.33	13.53 33.33 33.33	13.53 33.33 33.33	23.64 45.51
2		16.87 37.93 32.45	15.24 17.34 25.71	15.24 17.34 25.71	15.24 17.34 25.71	15.39 29.35
3		14.74 34.54 29.53	13.17 17.34 17.34	13.17 17.34 17.34	13.17 17.34 17.34	11.39 21.74
4		11.54 27.03 22.12	13.17 17.34 17.34	13.17 17.34 17.34	13.17 17.34 17.34	1.33 1.93
5		70.13 1.44 0.34	2.22 7.16 5.10	0.22 7.16 0.34	14.02 0.34 0.34	0.30 0.30
6		50.13 0.34 0.34	17.10 0.34 0.34	23.17 0.34 0.34	0.34 0.34 0.34	3.34 3.34
TOTAL		51.48 26.87 51.48	19.18 99.18 19.18	22.41 11.56 22.41	6.68 34.7 6.68	105.35 51.24 105.35

TABLE C-5

ALL SERVICES JROTC MALE GRADUATES FOR FISCAL YEARS
1977-1986, BY JROTC PROGRAM GRADUATED FROM
AND BRANCH OF SERVICE ENLISTED INTO

JROTC PROGRAM COL	SERVICE BRANCH PCT	ARMY	NAVY	USAF	USMC	TOTAL
10		170 0.33 0.73	143 0.33 0.73	35 0.33 0.73	33 0.33 0.73	411 3.79
11		109 2.11 6.97	237 3.33 3.31	137 1.33 2.11	216 4.22 33.17	1899 15.47
12		17 3.11 7.43	33 4.33 2.17	176 0.33 1.33	33 1.33 13.33	534 13.32
13		32 6.97 13.33	213 2.33 15.71	633 1.33 6.33	88 1.71 14.16	1681 13.15
14		34 2.33 1.47	33 2.33 1.47	71 0.33 1.47	68 3.33 7.73	1212 2.34
20		10 0.33 0.33	63 3.33 0.33	53 0.33 0.33	15 0.33 0.26	162 3.27
21		53 6.97 21.33	133 1.33 1.33	332 0.33 0.33	97 1.33 15.63	1353 23.53
22		63 2.33 2.33	33 2.33 2.33	332 1.33 3.33	257 1.33 4.23	2309 6.46
23		97 1.33 4.17	63 3.33 3.33	331 0.33 0.33	221 0.33 3.33	5112 9.33
24		22 0.33 0.33	133 3.33 3.33	131 2.33 1.33	329 3.33 5.27	862 1.62
TOTAL		2341 45.25	12073 23.34	10011 19.33	1233 12.06	31733 100.00

TABLE C-6

ALL SERVICES JROTC FEMALE GRADUATES FOR FISCAL YEARS
1977-1986, BY JROTC PROGRAM GRADUATED FROM
AND BRANCH OF SERVICE ENLISTED INTO

JROTC	SERVICE	ARMY	NAVY	USAF	USMC	TOTAL
FREQUENCY	PERCENT					
ROW COL	PCT					
10	1.33	0.16	0.16	0.16	0.16	0.33
	37.14	45.71	11.43	0.04	0.04	0.67
	0.43	1.51	0.58	0.58	0.58	
11	12.46	27.0	17.5	1.87	1776	
	23.95	5.20	3.37	1.63	34.19	
	40.00	15.20	9.35	24.90		
	46.30	27.11	15.33	25.07		
12	20.9	27.3	27	54	565	
	34.00	5.39	0.22	1.04	10.55	
	36.99	45.37	6.72	9.56		
	7.78	27.31	2.32	15.56		
13	4.36	1.99	1.73	51	733	
	7.78	3.83	1.23	0.68	14.11	
	15.00	19.98	3.79	14.70		
14	0.42	1.17	0.13	44	108	
	0.81	0.33	0.13	0.33	2.08	
	1.53	1.74	0.33	40.74		
	1.53	1.71	0.43	12.68		
20	0.13	0.3	0.13	0.00	0.19	
	4.11	1.99	0.11	0.00	0.37	
	0.30	3.30	0.59	0.00		
21	3.86	1.13	3.36	33	1038	
	10.90	2.18	3.36	1.00	19.98	
	34.00	13.91	26.12	15.17		
	31.00	11.33	26.12	15.24		
22	1.75	0.62	1.35	22	266	
	1.44	1.19	1.35	0.42	4.70	
	30.74	25.41	34.54	9.02		
	27.79	9.22	7.30	6.34		
23	10.4	3.7	4.46	13	538	
	2.00	1.1	0.33	0.25	11.51	
	17.00	3.19	24.33	1.17		
	3.47	3.71	33.14	3.75		
24	0.23	0.6	0.33	21	80	
	0.43	0.08	0.04	0.40	1.54	
	27.30	3.00	41.25	26.25		
	0.82	0.60	2.34	6.05		
TOTAL		2687	1999	1154	347	5194
		51.73	19.18	22.41	6.68	100.00

TABLE C-7

ALL SERVICES JROTC MALE GRADUATES FOR FISCAL YEARS
1977-1986, BY AFQT CATEGORY AND
BRANCH OF SERVICE ENLISTED INTO

AFQT	SERVICE	ARMY	NAVY	USAF	USMC	TOTAL
FREQ PER ROW COL	US C P T					
0		30.44 3.00 1.00 1.00	12.23 1.00 1.00 1.00	4.15 1.00 1.00 1.00	1.78 1.00 1.00 1.00	13.33 2.53
1		70.00 7.00 0.00 0.00	11.00 1.00 0.00 0.00	0.00 0.00 0.00 0.00	10.00 0.00 0.00 0.00	0.67 0.13
2		14.00 2.00 1.00 0.00	1.00 1.00 1.00 1.00	0.00 0.00 0.00 0.00	1.00 0.00 0.00 0.00	1.33 3.33
3		17.00 6.00 7.00 7.00	1.00 2.00 1.00 1.00	0.00 0.00 0.00 0.00	2.00 0.00 0.00 0.00	3.33 5.33
4		43.00 18.00 18.00 18.00	17.00 2.00 1.00 1.00	1.00 1.00 1.00 1.00	1.00 1.00 1.00 1.00	77.33 15.33
5		71.00 1.00 1.00 1.00	3.00 2.00 2.00 2.00	2.00 1.00 1.00 1.00	2.00 1.00 1.00 1.00	156.65 31.79
6		33.00 1.00 1.00 1.00	20.00 2.00 1.00 1.00	2.00 2.00 2.00 2.00	1.00 1.00 1.00 1.00	86.76 15.62
7		41.00 7.00 7.00 7.00	3.00 2.00 2.00 2.00	2.00 2.00 2.00 2.00	1.00 1.00 1.00 1.00	112.63 21.73
8		1.00 3.00 2.00 2.00	1.00 3.00 4.00 4.00	0.00 2.00 4.00 4.00	1.00 0.00 2.00 2.00	19.26 3.72
TOTAL		234.11 45.25	120.73 23.34	120.11 19.55	62.38 12.06	517.33 100.00

TABLE C-8

ALL SERVICES JROTC FEMALE GRADUATES FOR FISCAL YEARS
1977-1986, BY AFQT CATEGORY AND
BRANCH OF SERVICE ENLISTED INTO

AFQT FREQUENCY PERCENT ROW COL	SERVICE				TOTAL
	ARMY	NAVY	USAF	USMC	
0	20.42 0.42	23.21 0.41	51.33 4.13	0.00 0.00	1.96
1	10.00 0.00	3.00 0.00	0.00 0.00	0.00 0.00	0.31
2	9.18 0.00	3.00 0.00	0.00 0.00	0.00 0.00	1.87
3	3.11 0.00	1.11 0.00	0.00 0.00	0.00 0.00	2.33
4	7.36 0.00	1.72 0.00	1.87 0.00	0.00 0.00	12.37
5	10.21 0.00	6.66 0.00	6.13 0.00	1.60 0.00	37.29
6	11.58 0.00	1.99 0.00	3.06 0.00	1.65 0.00	23.87
7	6.43 0.00	6.22 0.00	2.77 0.00	1.15 0.00	20.45
8	0.29 0.00	2.23 0.00	0.31 0.00	1.19 0.00	1.92
TOTAL	26.73	19.18	22.41	6.63	105.00

TABLE D-1

NAVY JROTC MALE GRADUATES FOR FISCAL YEARS 1977-1986,
BY RACE/ETHNIC GROUP AND
JROTC PROGRAM GRADUATED FROM

RACE/ETH	JROTC		
FREQUENCY			
PERCENT			
ROW PCT			
COL PCT			
	12	22	TOTAL
0	63.108	33.334	0.12
	63.108	33.334	0.16
1	43.293	13.333	4828
	43.293	13.333	63.11
	61.809	63.339	
2	13.641	4.72	1313
	13.641	4.72	19.78
	19.809	31.23	
3	11.890	2.53	1135
	11.890	2.53	14.84
	15.708	11.34	
4	7.736	2.33	0.76
	7.736	2.33	0.99
	1.003	2.33	
5	7.646	2.13	0.59
	7.646	2.13	0.77
	7.646	3.33	
6	5.13	1.13	0.27
	5.13	1.13	0.35
	5.208	44.44	
	5.208	3.52	
TOTAL	5341	2339	7653
	69.82	30.18	100.00

TABLE D-2

NAVY JROTC FEMALE GRADUATES FOR FISCAL YEARS 1977-1986,
BY RACE/ETHNIC GROUP AND
JROTC PROGRAM GRADUATED FROM

RACE/ETH	JROTC	
FREQUENCY		
PERCENT		
ROW PCT		
COL PCT	121	221 TOTAL
0	1 53:13 53:00 53:13	1 53:13 53:00 53:61 0.23
1	310 35:32 69:44 34:87	143 17:59 71:39 58:61 56.63
2	149 13:42 71:53 25:37	59 7:39 29:37 24:19 25.28
3	92 11:37 72:64 13:29	35 4:35 27:46 14:35 15.12
4	10 1:24 71:43 1:77	6 0:49 29:37 1:34 1.14
5	0 3:30 3:30 3:00	1 0:13 100:00 3:61 0.12
6	3 0:37 75:00 5:37	1 0:13 25:00 0:41 0.49
TOTAL	565 69.94	244 30.15 100.00

TABLE D-3

NAVY JROTC MALE GRADUATES FOR FISCAL YEARS 1977-1986,
BY RACE/ETHNIC GROUP AND
BRANCH OF SERVICE ENLISTED INTO

RACE/ETH FREQUENCY PER COL ROW COL	SERVICE ENLISTED INTO PCT	SERVICE				TOTAL
		ARMY	NAVY	USAF	USMC	
0		0.0000	0.1000	0.0000	0.0000	0.10
1		1.1266	2.2277	0.7000	0.5333	4.5876
2		2.0800	3.3333	1.0000	1.0000	7.4133
3		3.0000	4.0000	1.0000	1.0000	9.0000
4		4.0000	5.0000	1.0000	1.0000	11.0000
5		5.0000	6.0000	1.0000	1.0000	13.0000
6		6.0000	7.0000	1.0000	1.0000	15.0000
TOTAL		24.00	31.33	12.70	11.00	78.03

TABLE D-4

NAVY JROTC FEMALE GRADUATES FOR FISCAL YEARS 1977-1986,
BY RACE/ETHNIC GROUP AND
BRANCH OF SERVICE ENLISTED INTO

RACE/ETHNICITY	SERVICE				TOTAL
	ARMY	NAVY	USAF	USMC	
0	100.000 0.000	3.300 3.300	0.000 0.000	0.000 0.000	3.23
1	13.125 4.400	25.200 61.700	1.900 6.000	5.900 5.200	55.83
2	11.800 3.200	24.900 21.500	1.200 2.100	2.200 2.000	25.71
3	7.600 2.100	4.400 1.500	1.100 1.100	0.900 1.000	15.75
4	0.200 0.700	0.900 2.300	0.000 0.000	0.400 3.200	1.73
5	0.000 0.000	0.000 0.000	0.000 0.000	0.000 0.000	0.12
6	0.000 0.000	0.000 1.100	0.000 0.000	0.000 0.000	0.49
TOTAL	35.234 35.11	41.337 41.38	13.112 13.32	9.76 9.39	100.809 100.50

TABLE D-5

NAVY JROTC MALE GRADUATES FOR FISCAL YEARS 1977-1986,
BY JROTC PROGRAM GRADUATED FROM AND
BRANCH OF SERVICE ENLISTED INTO

JROTC, FREQUENCY PERCENT ROW PCT COL PCT	SERVICE					TOTAL
	ARMY	NAVY	USAF	USMC		
12	1749 22.86 32.75 72.69	2590 33.73 43.31 81.57	174 2.27 3.26 17.53	838 10.95 15.69 75.84		5341 69.82
22	657 8.59 23.45 27.31	583 7.62 25.25 13.43	372 4.73 14.73 82.17	267 3.49 11.56 24.16		2309 30.18
TOTAL	2406 31.45	3163 41.35	975 12.75	1105 14.44		7650 100.00

TABLE D-6

**NAVY JROTC FEMALE GRADUATES FOR FISCAL YEARS 1977-1986,
BY JROTC PROGRAM GRADUATED FROM AND
BRANCH OF SERVICE ENLISTED INTO**

JROTC	SERVICE	ARMY	NAVY	USAF	USMC	TOTAL
FREQUENCY PERCENT ROW PCT COL PCT						
12		209 25.83 36.99 73.59	275 33.99 43.67 81.60	27 3.36 6.73 24.11	54 6.67 9.56 71.05	565 69.86
22		75 9.27 30.74 26.41	52 7.56 25.41 13.40	35 13.51 36.56 75.39	22 2.72 9.02 28.95	244 30.16
TOTAL		284 35.11	337 41.66	112 13.34	76 9.39	839 100.00

TABLE D-7

NAVY JROTC MALE GRADUATES FOR FISCAL YEARS 1977-1986,
BY AFQT CATEGORY AND
BRANCH OF SERVICE ENLISTED INTO

AFQT	SERVICE					TOTAL
FREQUENCY PERCENT ROW COL PCT PCT	ARMY	NAVY	USAF	USMC		
0	200 1.7 0.0	300 2.0 0.0	300 1.9 0.0	000 0.0 0.0		2.185
1	400 0.0 0.0	200 0.0 0.0	100 0.0 0.0	100 0.0 0.0		0.39
2	600 0.0 0.0	200 0.0 0.0	000 0.0 0.0	000 0.0 0.0		2.219
3	400 0.0 0.0	300 0.0 0.0	000 0.0 0.0	000 0.0 0.0		4.323
4	400 0.0 0.0	300 0.0 0.0	000 0.0 0.0	100 0.0 0.0		1.1015
5	300 0.0 0.0	200 0.0 0.0	200 0.0 0.0	100 0.0 0.0		3.3573
6	200 0.0 0.0	400 0.0 0.0	200 0.0 0.0	100 0.0 0.0		1.1357
7	200 0.0 0.0	100 0.0 0.0	100 0.0 0.0	200 0.0 0.0		2.1557
8	200 0.0 0.0	300 0.0 0.0	100 0.0 0.0	000 0.0 0.0		4.322
TOTAL	31.43	41.33	12.75	14.44		103.950

TABLE D-8

NAVY JROTC FEMALE GRADUATES FOR FISCAL YEARS 1977-1986,
BY AFQT CATEGORY AND
BRANCH OF SERVICE ENLISTED INTO

AFQT PERCENTILE RANK	SERVICE					TOTAL
		ARMY	NAVY	USAF	USMC	
0		20.6 21.7 1.1	51.1 53.3 2.2	21.7 21.7 0.0	0.0 0.0 0.0	2.84
1		100.1 0.0 0.0	3.0 3.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	3.12
2		100.7 0.0 0.0	3.0 3.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	3.87
3		40.9 28.9 11.0	33.4 1.1 32.3	0.0 0.0 0.0	0.0 0.0 0.0	1.42
4		44.2 9.1 35.1	43.2 9.1 34.1	1.0 7.0 6.0	0.0 0.0 0.0	7.29
5		12.9 34.2 21.3	13.1 33.3 20.2	2.0 2.0 0.0	2.1 2.0 0.1	32.88
6		23.8 23.0 0.0	22.7 22.0 0.7	1.6 33.3 31.7	1.3 42.1 40.8	25.33
7		37.6 30.0 7.6	13.7 25.0 11.3	1.3 20.7 19.4	1.2 12.0 10.8	25.03
8		0.7 20.0 19.3	1.1 30.1 29.0	2.0 4.0 2.0	1.0 3.0 2.0	2.84
TOTAL		284 35.11	337 41.66	117 13.34	76 9.39	809 100.00

TABLE E-1

ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986,
BY BRANCH OF SERVICE ENLISTED INTO AND JROTC PROGRAM GRADUATED FROM

SERVICE	JROTC	101	11	12	13	14	20	21	22	23	24	TOTAL
ARMY	ARMY	1376 21-34 42-50 18-23	273 3-69 33-77	658 7-10 14-15 19-15	50 1-03 14-71	9-25 22-22	732 11-33 22-01 33-01	134 2-09 4-13 6-11	193 3-12 6-11 31-11	49 0-42 1-24 2-29	3238 50-21	
NAVY	NAVY	678 2-61 34-47 52-73	236 6-33 27-36 47-36	260 4-03 17-09 27-09	33 3-31 21-29	3-12 26-23	205 3-18 16-12 15-12	82 1-25 26-78	33 2-21 9-23 9-23	15 0-13 1-13 10-07	1563 22-03	
USAF	USAF	133 3-36 13-35 9-33	22 2-21 3-30	33 1-34 10-23	9 3-16 5-31	9-11 49-76	233 6-33 20-07 20-07	73 1-39 21-38	308 5-11 35-11	23 0-31 2-31 16-31	996 15-46	
USMC	USMC	214 3-32 23-46 9-53	33 1-33 11-64 13-57	115 1-33 13-63 12-63	53 3-03 36-19	9-23 2-23 7-51	136 2-11 13-03 16-03	49 2-71 13-36	35 0-16 5-16 5-16	48 0-31 9-31 4-43	732 11-06	
TOTAL	TOTAL	2271 36-13	629 3-73	923 14-61	155 2-60	3-62	1356 21-53	332 5-13	937 9-21	138 2-16	6649 103-08	

TABLE E-2

TERM OF ENLISTMENT FOR ALL SERVICES JROTC
GRADUATES FOR FISCAL YEAR 1986

TOE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
1	3	0.0	3	0.0
2	186	2.9	189	2.9
3	1939	30.1	2128	33.0
4	3910	60.6	6038	93.6
5	20	0.3	6058	93.9
6	166	2.6	6224	96.5
8	225	3.5	6449	100.0

TABLE E-3

ENTERING PAYGRADE FOR ALL SERVICES JROTC GRADUATES
FOR FISCAL YEAR 1986

ENT_PG	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
1	702	11.0	702	11.0
2	1751	27.2	2460	38.2
3	3967	61.5	6427	99.7
4	13	0.3	6445	99.9
5	4	0.1	6449	100.0

TABLE E-4

ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986,
BY SEX AND BRANCH OF SERVICE ENLISTED INTO

SEX	SERVICE	FREQUENCY					TOTAL
		ARMY	NAVY	USAF	USMC		
1	PERCENT	2898	1333	856	717	5814	
	ROW PCT	44.94	20.67	13.43	11.12	93.15	
	COL PCT	49.85	22.93	14.30	12.33		
		89.50	91.11	86.35	95.35		
2	PERCENT	340	130	130	35	635	
	ROW PCT	5.27	2.02	2.02	0.54	7.85	
	COL PCT	53.54	20.47	20.67	5.51		
		10.50	8.39	13.35	4.65		
TOTAL		3238	1463	986	752	5449	
		50.21	22.69	15.44	11.66	103.00	

TABLE E-5

ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986,
BY RACE/ETHNIC GROUP AND BRANCH OF SERVICE ENLISTED INTO

RACE/ETH		SERVICE				TOTAL
FREQUENCY PCT	PERCENT PCT	ARMY	NAVY	USAF	USMC	
1		1553	821	639	396	3379
2		1437	519	333	266	3555
3		133	386	25	65	308
4		13	19	2	4	30
5		72	22	14	7	115
6		29	6	3	1	62
TOTAL		3238	1463	936	752	5449
		50.21	22.69	15.44	11.66	100.00

TABLE E-6

ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986,
BY RACE/ETHNIC GROUP AND AFQT CATEGORY

RACE/ETHN	AFQT	0	1	2	3	4	5	6	7	8	TOTAL
FREQUENCY											
PERCENT											
ROW PCT											
COL PCT											
1		5	0-08	0-00	0-00	101	949	891	1282	161	3379
		0-15	0-00	0-00	0-00	1-57	14-72	13-66	19-88	2-50	52-40
		71-43	0-00	0-00	0-00	27-82	35-54	57-62	37-94	6-76	
2		1	0-02	0-02	0-02	235	1699	520	293	6	2555
		0-04	0-04	0-04	0-04	3-66	23-24	8-06	4-54	0-09	39-62
		14-29	50-00	50-00	50-00	64-74	55-14	34-01	11-25	3-35	
3		1	0-02	0-00	0-00	17	134	75	75	6	308
		0-32	0-00	0-00	0-00	0-36	2-08	1-16	1-15	0-09	4-78
		14-29	0-00	0-00	0-00	5-52	43-51	24-35	24-35	1-95	
4		0	0-00	0-00	0-00	2	12	8	7	1	30
		0-00	0-00	0-00	0-00	0-03	0-19	0-12	3-11	0-02	0-39
		0-00	0-00	0-00	0-00	6-67	40-00	26-67	23-33	3-33	
		0-00	0-00	0-00	0-00	0-55	0-45	0-52	0-41	0-56	
5		0	0-00	0-02	0-02	7	42	30	31	4	115
		0-00	0-00	0-02	0-02	0-11	0-55	0-47	3-68	0-06	1-78
		0-00	0-00	0-02	0-02	6-09	35-52	26-09	26-96	3-48	
		0-00	0-00	0-00	0-00	1-93	1-57	1-96	1-82	2-23	
6		0	0-00	0-00	0-00	1	34	15	11	1	62
		0-00	0-00	0-00	0-00	0-02	0-33	0-33	0-17	0-02	0-96
		0-00	0-00	0-00	0-00	1-61	54-84	24-19	17-74	1-61	
		0-00	0-00	0-00	0-00	0-28	1-27	0-98	3-65	0-56	
TOTAL		7	0-11	0-03	0-03	363	2670	1529	1699	179	6469
						5-63	41-60	23-71	26-33	2-78	100-00

TABLE E-7

ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986,
BY SEX AND AFQT CATEGORY

SEX	AFQT	0	3	4	5	6	7	8	TOTAL
FREQUENCY PERCENT ROW PCT COL PCT									
1		6 0-09 0-10 85-71	2 0-03 0-03 100-00	360 5-58 6-19 99-17	2649 37-97 42-12 91-72	1311 20-33 22-55 85-74	1519 23-55 26-13 89-41	167 2-59 2-87 93-30	5816 90-15
2		1 0-02 0-16 14-29	0 0-00 0-00 0-00	3 0-05 0-47 0-93	221 3-43 34-30 8-28	219 3-33 36-33 14-25	180 2-79 28-35 10-59	12 0-19 1-89 6-70	635 9-85
TOTAL		7 0-11	2 0-03	363 5-63	2670 41-60	1529 23-71	1699 26-35	179 2-78	6469 100-00

TABLE E-8

ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986,
BY SEX AND RACE/ETHNIC GROUP

SEX	RACE/ETH	1	2	3	4	5	6	TOTAL
FREQUENCY								
PERCENT								
ROW PCT								
COL PCT								
1		3126 48.47 53.77 92.51	2233 34.63 38.41 87.40	279 4.33 4.80 90.58	26 0.40 0.65 86.57	95 1.47 1.63 82.61	55 2.85 3.95 89.71	5816 90.15
2		253 3.92 39.84 7.49	322 4.99 50.71 12.60	20 0.45 4.52 9.42	4 0.35 0.53 13.33	20 0.31 3.15 17.39	7 1.11 1.10 11.29	633 9.85
TOTAL		3379 52.40	2555 39.62	308 4.78	30 0.47	115 1.78	62 3.96	6449 100.00

TABLE E-9

ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986,
BY HIGHEST YEAR OF EDUCATION COMPLETED AND
BRANCH OF SERVICE ENLISTED INTO

HYEC		SERVICE						
FREQUENCY	PERCENT	ROW	PCT	ARMY	NAVY	USAF	USMC	TOTAL
COL	PCT							
2				00:0000	100:0000	00:0000	00:0000	3.02
				00:0000	00:0000	00:0000	00:0000	
3				10:0000	20:0000	00:0000	00:0000	3.13
				00:0000	00:0000	00:0000	00:0000	
4				50:0000	40:0000	00:0000	00:0000	3.61
				00:0000	00:0000	00:0000	00:0000	
5				40:0000	40:0000	00:0000	00:0000	1.89
				10:0000	20:0000	00:0000	00:0000	1.38
6				30:0000	120:0000	10:0000	10:0000	9.013
				00:0000	00:0000	00:0000	00:0000	9.24
7				30:0000	20:0000	20:0000	10:0000	1.97
				10:0000	10:0000	20:0000	10:0000	1.50
8				40:0000	20:0000	30:0000	00:0000	3.83
				00:0000	10:0000	10:0000	00:0000	3.83
9				40:0000	30:0000	10:0000	10:0000	3.30
				00:0000	00:0000	00:0000	00:0000	3.31
10				40:0000	20:0000	20:0000	10:0000	3.33
				00:0000	00:0000	00:0000	00:0000	3.54
13				30:0000	50:0000	00:0000	00:0000	1.86
				00:0000	00:0000	00:0000	00:0000	1.33
TOTAL				33238	1463	934	752	5449
				50.21	22.69	15.44	11.66	105.00

TABLE E-10

ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986,
BY HIGHEST YEAR OF EDUCATION COMPLETED AND
RACE/ETHNIC GROUP

NYEC	RACE/ETH						TOTAL
FREQUENCY PERCENT COL PCT	1	2	3	4	5	6	
2	0:00 0:00	0:00 0:00	10:00 0:00	0:00 0:00	0:00 0:00	3:00 0:00	0.02
3	5:00 0:00	3:00 0:00	0:00 0:00	0:00 0:00	0:00 0:00	3:00 0:00	0.13
4	9:00 0:00	0:00 0:00	0:00 0:00	0:00 0:00	0:00 0:00	3:00 0:00	0.41
5	7:00 0:00	2:00 0:00	1:00 0:00	0:00 0:00	0:00 0:00	3:00 0:00	1.32
6	1:00 0:00	1:00 0:00	2:00 0:00	10:00 0:00	1:00 0:00	1:00 0:00	9.01
7	4:00 0:00	3:00 0:00	0:00 0:00	0:00 0:00	0:00 0:00	1:00 0:00	1.96
8	0:00 0:00	2:00 0:00	10:00 0:00	0:00 0:00	0:00 0:00	1:00 0:00	0.33
9	4:00 0:00	4:00 0:00	0:00 0:00	0:00 0:00	0:00 0:00	3:00 0:00	0.39
10	4:00 0:00	2:00 0:00	1:00 0:00	0:00 0:00	0:00 0:00	3:00 0:00	0.32
13	7:00 0:00	1:00 0:00	0:00 0:00	0:00 0:00	0:00 0:00	1:00 0:00	1.33
TOTAL	33.79 92.40	23.33 39.62	4.30 4.98	0.39 0.17	1.33 1.78	3.42 3.42	100.00

TABLE E-11

ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986,
BY HIGHEST YEAR OF EDUCATION COMPLETED AND SEX

HYEC	SEX		TOTAL
	FREQUENCY FROM COL	PERCENT PCT	
2	1	2	
	100.00	0.02	0.02
3	100.00	0.12	0.12
4	100.00	0.41	0.41
5	100.00	1.38	1.38
6	90.00	9.33	9.33
7	81.00	1.50	1.50
8	60.00	0.83	0.83
9	90.00	0.51	0.51
10	80.00	0.54	0.54
13	91.00	1.36	1.36
TOTAL	90.13	9.33	100.00

TABLE E-12

ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986,
BY AGE AT ENTRY INTO THE MILITARY AND
BRANCH OF SERVICE ENLISTED INTO

AGE	AGENT FREQUENCY PERCENT ROW COL PCT PCT	SERVICE				TOTAL
		ARMY	NAVY	USAF	USMC	
17		312 4.84 52.44 9.64	140 2.17 22.55 9.57	73 1.11 12.11 7.33	68 1.05 11.05 9.04	593 9.23
18		1463 22.09 30.71 45.18	621 9.43 21.34 42.45	413 6.24 14.24 41.37	615 9.24 14.24 35.19	2914 45.19
19		723 11.28 31.89 22.48	303 4.60 21.50 20.71	216 3.33 13.33 24.50	156 2.34 11.12 20.78	1403 21.76
20		332 5.03 49.93 10.23	144 2.17 22.34 11.21	113 1.70 17.70 11.33	84 1.26 18.18 7.18	663 10.31
21		163 2.44 49.34 5.03	78 1.17 21.18 3.33	70 1.05 20.77 7.33	26 0.40 7.72 3.48	337 5.23
22		240 3.57 44.86 7.41	157 2.35 29.33 10.73	133 1.99 19.33 10.34	33 0.50 6.17 4.39	563 8.50
TOTAL		3238 50.21	1463 22.39	996 15.44	752 11.66	5449 103.00

TABLE E-13

ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986,
BY AGE AT ENTRY INTO THE MILITARY AND
RACE/ETHNIC GROUP

AGENT	RACE/ETH						
FREQUENCY PERCENT ROW PCT COL PCT	1	2	3	4	5	6	TOTAL
17	327 5.07 54.96 9.68	227 3.52 38.13 8.88	23 0.36 3.97 7.47	2 0.03 0.34 6.57	10 0.16 1.68 3.70	6 0.09 1.01 2.68	595 9.23
18	1522 23.60 52.23 45.04	1163 18.03 39.91 45.52	139 2.16 4.77 45.13	19 0.29 0.33 63.33	51 0.79 1.75 44.35	20 0.31 3.69 32.26	2914 45.19
19	695 10.78 49.54 20.57	592 9.18 42.29 23.17	67 1.04 4.78 21.75	5 0.08 0.36 16.57	27 0.42 1.92 23.48	17 0.26 1.21 27.42	1403 21.76
20	338 5.24 50.83 10.00	271 4.20 40.75 10.61	37 0.57 5.56 12.01	1 0.02 0.15 3.33	9 0.14 1.35 7.83	9 0.14 1.35 16.52	665 10.31
21	171 2.65 50.74 5.06	133 2.06 39.47 5.21	15 0.22 4.15 4.55	2 0.03 0.59 6.57	11 0.17 3.26 9.57	6 0.09 1.78 3.68	337 5.23
22	326 5.06 60.93 9.65	169 2.62 31.59 6.61	28 0.43 5.23 9.09	1 0.02 0.19 3.33	7 0.11 1.31 6.09	4 0.06 1.25 3.45	535 8.30
TOTAL	3379 52.40	2555 39.62	308 4.78	30 0.47	115 1.78	62 0.96	6449 100.00

TABLE E-14

ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986,
BY AGE AT ENTRY INTO THE MILITARY AND SEX

AGE	AGENT	SEX			TOTAL
FREQUENCY	PERCENT	PERCENT	1	2	
ROW	COL	PCT			
17					
			543	32	595
			8.42	0.51	9.23
			91.36	8.74	
			9.34	8.19	
18					
			2638	276	3714
			40.91	4.28	45.19
			90.53	9.67	
			45.37	43.46	
19					
			1261	142	1603
			19.35	2.00	21.76
			89.89	10.12	
			21.59	22.36	
20					
			621	54	665
			9.32	0.56	10.31
			90.38	9.52	
			10.34	10.38	
21					
			298	39	337
			4.32	0.30	5.23
			88.43	11.57	
			5.13	6.14	
22					
			473	52	535
			7.33	0.56	8.30
			88.41	11.50	
			8.14	9.76	
TOTAL			5814	635	6449
			90.15	9.55	100.00

TABLE E-15

ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986,
BY HOME OF RECORD AND
JROTC PROGRAM GRADUATED FROM

	101	111	121	131	141	201	211	221	231	241	TOTAL
0	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-10
1	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-10
2	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-10
3	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-10
4	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-10
5	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-10
6	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-10
7	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-10
8	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-10
9	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-10
10	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-10
11	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-10
12	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-10
TOTAL	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-00 0-00 0-00	0-10

(CONTINUED)

TABLE E-15 (CONTINUED)

ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986,
BY HOME OF RECORD AND
JROTC PROGRAM GRADUATED FROM

404 JROTC 2002 2001 2000 1999 1998 1997 1996 1995 1994 1993 1992 1991 1990 1989 1988 1987 1986 1985 1984 1983 1982 1981 1980 1979 1978 1977 1976 1975 1974 1973 1972 1971 1970 1969 1968 1967 1966 1965 1964 1963 1962 1961 1960 1959 1958 1957 1956 1955 1954 1953 1952 1951 1950 1949 1948 1947 1946 1945 1944 1943 1942 1941 1940 1939 1938 1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923 1922 1921 1920 1919 1918 1917 1916 1915 1914 1913 1912 1911 1910 1909 1908 1907 1906 1905 1904 1903 1902 1901 1900 1899 1898 1897 1896 1895 1894 1893 1892 1891 1890 1889 1888 1887 1886 1885 1884 1883 1882 1881 1880 1879 1878 1877 1876 1875 1874 1873 1872 1871 1870 1869 1868 1867 1866 1865 1864 1863 1862 1861 1860 1859 1858 1857 1856 1855 1854 1853 1852 1851 1850 1849 1848 1847 1846 1845 1844 1843 1842 1841 1840 1839 1838 1837 1836 1835 1834 1833 1832 1831 1830 1829 1828 1827 1826 1825 1824 1823 1822 1821 1820 1819 1818 1817 1816 1815 1814 1813 1812 1811 1810 1809 1808 1807 1806 1805 1804 1803 1802 1801 1800 1799 1798 1797 1796 1795 1794 1793 1792 1791 1790 1789 1788 1787 1786 1785 1784 1783 1782 1781 1780 1779 1778 1777 1776 1775 1774 1773 1772 1771 1770 1769 1768 1767 1766 1765 1764 1763 1762 1761 1760 1759 1758 1757 1756 1755 1754 1753 1752 1751 1750 1749 1748 1747 1746 1745 1744 1743 1742 1741 1740 1739 1738 1737 1736 1735 1734 1733 1732 1731 1730 1729 1728 1727 1726 1725 1724 1723 1722 1721 1720 1719 1718 1717 1716 1715 1714 1713 1712 1711 1710 1709 1708 1707 1706 1705 1704 1703 1702 1701 1700 1699 1698 1697 1696 1695 1694 1693 1692 1691 1690 1689 1688 1687 1686 1685 1684 1683 1682 1681 1680 1679 1678 1677 1676 1675 1674 1673 1672 1671 1670 1669 1668 1667 1666 1665 1664 1663 1662 1661 1660 1659 1658 1657 1656 1655 1654 1653 1652 1651 1650 1649 1648 1647 1646 1645 1644 1643 1642 1641 1640 1639 1638 1637 1636 1635 1634 1633 1632 1631 1630 1629 1628 1627 1626 1625 1624 1623 1622 1621 1620 1619 1618 1617 1616 1615 1614 1613 1612 1611 1610 1609 1608 1607 1606 1605 1604 1603 1602 1601 1600 1599 1598 1597 1596 1595 1594 1593 1592 1591 1590 1589 1588 1587 1586 1585 1584 1583 1582 1581 1580 1579 1578 1577 1576 1575 1574 1573 1572 1571 1570 1569 1568 1567 1566 1565 1564 1563 1562 1561 1560 1559 1558 1557 1556 1555 1554 1553 1552 1551 1550 1549 1548 1547 1546 1545 1544 1543 1542 1541 1540 1539 1538 1537 1536 1535 1534 1533 1532 1531 1530 1529 1528 1527 1526 1525 1524 1523 1522 1521 1520 1519 1518 1517 1516 1515 1514 1513 1512 1511 1510 1509 1508 1507 1506 1505 1504 1503 1502 1501 1500 1499 1498 1497 1496 1495 1494 1493 1492 1491 1490 1489 1488 1487 1486 1485 1484 1483 1482 1481 1480 1479 1478 1477 1476 1475 1474 1473 1472 1471 1470 1469 1468 1467 1466 1465 1464 1463 1462 1461 1460 1459 1458 1457 1456 1455 1454 1453 1452 1451 1450 1449 1448 1447 1446 1445 1444 1443 1442 1441 1440 1439 1438 1437 1436 1435 1434 1433 1432 1431 1430 1429 1428 1427 1426 1425 1424 1423 1422 1421 1420 1419 1418 1417 1416 1415 1414 1413 1412 1411 1410 1409 1408 1407 1406 1405 1404 1403 1402 1401 1400 1399 1398 1397 1396 1395 1394 1393 1392 1391 1390 1389 1388 1387 1386 1385 1384 1383 1382 1381 1380 1379 1378 1377 1376 1375 1374 1373 1372 1371 1370 1369 1368 1367 1366 1365 1364 1363 1362 1361 1360 1359 1358 1357 1356 1355 1354 1353 1352 1351 1350 1349 1348 1347 1346 1345 1344 1343 1342 1341 1340 1339 1338 1337 1336 1335 1334 1333 1332 1331 1330 1329 1328 1327 1326 1325 1324 1323 1322 1321 1320 1319 1318 1317 1316 1315 1314 1313 1312 1311 1310 1309 1308 1307 1306 1305 1304 1303 1302 1301 1300 1299 1298 1297 1296 1295 1294 1293 1292 1291 1290 1289 1288 1287 1286 1285 1284 1283 1282 1281 1280 1279 1278 1277 1276 1275 1274 1273 1272 1271 1270 1269 1268 1267 1266 1265 1264 1263 1262 1261 1260 1259 1258 1257 1256 1255 1254 1253 1252 1251 1250 1249 1248 1247 1246 1245 1244 1243 1242 1241 1240 1239 1238 1237 1236 1235 1234 1233 1232 1231 1230 1229 1228 1227 1226 1225 1224 1223 1222 1221 1220 1219 1218 1217 1216 1215 1214 1213 1212 1211 1210 1209 1208 1207 1206 1205 1204 1203 1202 1201 1200 1199 1198 1197 1196 1195 1194 1193 1192 1191 1190 1189 1188 1187 1186 1185 1184 1183 1182 1181 1180 1179 1178 1177 1176 1175 1174 1173 1172 1171 1170 1169 1168 1167 1166 1165 1164 1163 1162 1161 1160 1159 1158 1157 1156 1155 1154 1153 1152 1151 1150 1149 1148 1147 1146 1145 1144 1143 1142 1141 1140 1139 1138 1137 1136 1135 1134 1133 1132 1131 1130 1129 1128 1127 1126 1125 1124 1123 1122 1121 1120 1119 1118 1117 1116 1115 1114 1113 1112 1111 1110 1109 1108 1107 1106 1105 1104 1103 1102 1101 1100 1099 1098 1097 1096 1095 1094 1093 1092 1091 1090 1089 1088 1087 1086 1085 1084 1083 1082 1081 1080 1079 1078 1077 1076 1075 1074 1073 1072 1071 1070 1069 1068 1067 1066 1065 1064 1063 1062 1061 1060 1059 1058 1057 1056 1055 1054 1053 1052 1051 1050 1049 1048 1047 1046 1045 1044 1043 1042 1041 1040 1039 1038 1037 1036 1035 1034 1033 1032 1031 1030 1029 1028 1027 1026 1025 1024 1023 1022 1021 1020 1019 1018 1017 1016 1015 1014 1013 1012 1011 1010 1009 1008 1007 1006 1005 1004 1003 1002 1001 1000 999 998 997 996 995 994 993 992 991 990 989 988 987 986 985 984 983 982 981 980 979 978 977 976 975 974 973 972 971 970 969 968 967 966 965 964 963 962 961 960 959 958 957 956 955 954 953 952 951 950 949 948 947 946 945 944 943 942 941 940 939 938 937 936 935 934 933 932 931 930 929 928 927 926 925 924 923 922 921 920 919 918 917 916 915 914 913 912 911 910 909 908 907 906 905 904 903 902 901 900 899 898 897 896 895 894 893 892 891 890 889 888 887 886 885 884 883 882 881 880 879 878 877 876 875 874 873 872 871 870 869 868 867 866 865 864 863 862 861 860 859 858 857 856 855 854 853 852 851 850 849 848 847 846 845 844 843 842 841 840 839 838 837 836 835 834 833 832 831 830 829 828 827 826 825 824 823 822 821 820 819 818 817 816 815 814 813 812 811 810 809 808 807 806 805 804 803 802 801 800 799 798 797 796 795 794 793 792 791 790 789 788 787 786 785 784 783 782 781 780 779 778 777 776 775 774 773 772 771 770 769 768 767 766 765 764 763 762 761 760 759 758 757 756 755 754 753 752 751 750 749 748 747 746 745 744 743 742 741 740 739 738 737 736 735 734 733 732 731 730 729 728 727 726 725 724 723 722 721 720 719 718 717 716 715 714 713 712 711 710 709 708 707 706 705 704 703 702 701 700 699 698 697 696 695 694 693 692 691 690 689 688 687 686 685 684 683 682 681 680 679 678 677 676 675 674 673 672 671 670 669 668 667 666 665 664 663 662 661 660 659 658 657 656 655 654 653 652 651 650 649 648 647 646 645 644 643 642 641 640 639 638 637 636 635 634 633 632 631 630 629 628 627 626 625 624 623 622 621 620 619 618 617 616 615 614 613 612 611 610 609 608 607 606 605 604 603 602 601 600 599 598 597 596 595 594 593 592 591 590 589 588 587 586 585 584 583 582 581 580 579 578 577 576 575 574 573 572 571 570 569 568 567 566 565 564 563 562 561 560 559 558 557 556 555 554 553 552 551 550 549 548 547 546 545 544 543 542 541 540 539 538 537 536 535 534 533 532 531 530 529 528 527 526 525 524 523 522 521 520 519 518 517 516 515 514 513 512 511 510 509 508 507 506 505 504 503 502 501 500 499 498 497 496 495 494 493 492 491 490 489 488 487 486 485 484 483 482 481 480 479 478 477 476 475 474 473 472 471 470 469 468 467 466 465 464 463 462 461 460 459 458 457 456 455 454 453 452 451 450 449 448 447 446 445 444 443 442 441 440 439 438 437 436 435 434 433 432 431 430 429 428 427 426 425 424 423 422 421 420 419 418 417 416 415 414 413 412 411 410 409 408 407 406 405 404 403 402 401 400 399 398 397 396 395 394 393 392 391 390 389 388 387 386 385 384 383 382 381 380 379 378 377 376 375 374 373 372 371 370 369 368 367 366 365 364 363 362 361 360 359 358 357 356 355 354 353 352 351 350 349 348 347 346 345 344 343 342 341 340 339 338 337 336 335 334 333 332 331 330 329 328 327 326 325 324 323 322 321 320 319 318 317 316 315 314 313 312 311 310 309 308 307 306 305 304 303 302 301 300 299 298 297 296 295 294 293 292 291 290 289 288 287 286 285 284 283 282 281 280 279 278 277 276 275 274 273 272 271 270 269 268 267 266 265 264 263 262 261 260 259 258 257 256 255 254 253 252 251 250 249 248 247 246 245 244 243 242 241 240 239 238 237 236 235 234 233 232 231 230 229 228 227 226 225 224 223 222 221 220 219 218 217 216 215 214 213 212 211 210 209 208 207 206 205 204 203 202 201 200 199 198 197 196 195 194 193 192 191 190 189 188 187 186 185 184 183 182 181 180 179 178 177 176 175 174 173 172 171 170 169 168 167 166 165 164 163 162 161 160 159 158 157 156 155 154 153 152 151 150 149 148 147 146 145 144 143 142 141 140 139 138 137 136 135 134 133 132 131 130 129 128 127 126 125 124 123 122 121 120 119 118 117 116 115 114 113 112 111 110 109 108 107 106 105 104 103 102 101 100 99 98 97 96 95 94 93 92 91 90 89 88 87 86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64 63 62 61 60 59 58 57 56 55 54 53 52 51 50 49 48 47 46 45 44 43 42 41 40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0 TOTAL	101	111	121	131	141	201	211	221	231	241	TOTAL
13	0-00 0-00 0-00	2-24 3-03 4-00	0-37 7-27 5-30	0-23 12-13 2-14	0-34 1-34 1-33	0-20 0-20 0-20	1-35 1-35 1-32	1-13 7-19 1-52	1-13 7-19 5-16	0-03 0-03 0-03	7-29
14	0-01 0-11 2-11	0-37 4-00 4-00	0-37 10-37 10-37	0-23 12-13 2-14	0-34 1-34 1-33	0-20 0-20 0-20	1-35 1-35 1-32	1-13 7-19 1-52	1-13 7-19 5-16	0-03 0-03 0-03	0-11
15	0-01 0-01 0-01	0-37 4-00 4-00	0-37 10-37 10-37	0-23 12-13 2-14	0-34 1-34 1-33	0-20 0-20 0-20	1-35 1-35 1-32	1-13 7-19 1-52	1-13 7-19 5-16	0-03 0-03 0-03	0-11
16	0-01 0-01 0-01	0-37 4-00 4-00	0-37 10-37 10-37	0-23 12-13 2-14	0-34 1-34 1-33	0-20 0-20 0-20	1-35 1-35 1-32	1-13 7-19 1-52	1-13 7-19 5-16	0-03 0-03 0-03	0-11
17	0-01 0-01 0-01	0-37 4-00 4-00	0-37 10-37 10-37	0-23 12-13 2-14	0-34 1-34 1-33	0-20 0-20 0-20	1-35 1-35 1-32	1-13 7-19 1-52	1-13 7-19 5-16	0-03 0-03 0-03	1-11
18	0-01 0-01 0-01	0									

TABLE E-15 (CONTINUED)

ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986,
BY HOME OF RECORD AND
JROTC PROGRAM GRADUATED FROM

402 FREQUENCY PERCENT ROW PCT COL PCT	10	11	12	13	14	20	21	22	23	24	TOTAL
25	0 0.00 0.00	0 0.00 0.00	7 0.11 21.71	4 0.12 23.06	2 0.31 6.39	0 0.00 0.00	0 0.00 0.00	1 0.02 3.13	1 0.17 34.72	1 0.02 3.13	32 0.56
26	5 0.00 0.00	22 0.14 43.14	9 0.14 17.55	2 0.26 5.32	3 0.30 6.00	0 0.00 0.00	13 0.30 25.49	3 0.05 5.85	0 0.00 0.00	1 0.02 1.96	31 0.51
27	0 0.00 0.00	2 0.03 22.22	3 0.03 27.27	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	4 0.04 42.44	1 0.02 3.50	0 0.00 0.00	0 0.00 0.00	7 0.14
28	0 0.00 0.00	1 0.00 51.52	18 0.18 26.64	3 0.23 13.53	2 0.17 5.91	1 0.22 3.78	11 0.04 26.61	7 0.11 3.11	6 0.09 3.31	1 0.02 0.72	181 2.81
29	1 0.02 1.19	35 0.35 41.56	3 0.05 3.57	4 0.06 5.76	3 0.08 5.88	0 0.00 0.00	39 0.49 32.71	7 0.11 2.11	4 0.06 4.76	0 0.00 0.00	84 1.30
30	0 0.00 0.00	0 0.00 0.00	6 0.09 75.93	0 0.00 0.00	2 0.00 0.38	0 0.00 0.00	0 0.00 0.00	1 0.02 3.30	1 0.02 12.10	0 0.00 0.00	8 0.12
31	0 0.00 0.00	9 0.17 27.27	0 0.00 0.00	10 0.10 39.10	0 0.00 0.00	1 0.11 3.78	10 0.10 36.74	0 0.00 0.00	0 0.00 0.00	0 0.00 0.00	33 0.51
32	1 0.02 2.13	5 0.08 12.23	5 0.08 12.23	13 0.23 34.35	0 0.00 0.00	0 0.00 0.00	6 0.07 12.44	4 0.06 3.96	5 0.08 12.23	0 0.00 0.00	41 0.64
33	0 0.00 0.00	0 0.00 0.00	1 0.02 14.29	1 0.02 14.29	0 0.00 0.00	0 0.00 0.00	1 0.02 12.07	4 0.06 5.14	0 0.00 0.00	0 0.00 0.00	7 0.11
34	0 0.00 0.00	3 0.05 16.17	0 0.00 31.25	2 0.03 12.50	1 0.02 6.43	0 0.00 0.00	0 0.00 0.00	3 0.03 3.46	2 0.03 6.39	0 0.00 0.00	33 0.51
35	1 0.02 2.13	4 0.08 9.18	25 0.44 22.82	11 0.18 10.48	3 0.05 1.94	0 0.00 0.00	12 0.16 14.25	5 0.06 3.76	13 0.18 14.25	25 0.33 23.81	103 1.63
36	0 0.00 0.00	0 0.00 16.32	4 0.07 12.77	18 0.28 39.30	2 0.03 1.94	0 0.00 0.00	19 0.24 19.66	3 0.04 3.00	0 0.00 0.00	1 0.02 2.13	57 0.91
TOTAL	0.53	36.13	9.23	14.41	2.48	0.22	21.03	5.13	9.01	2.16	100.00

(CONTINUED)

TABLE E-15 (CONTINUED)

ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986,
BY HOME OF RECORD AND
JROTC PROGRAM GRADUATED FROM

JROTC													
37	38	39	40	41	42	43	44	45	46	47	48	TOTAL	
0.00 0.00 17.75	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	721 11.18	
2.90 41.44 11.56	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.06	
0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	1.04	
0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.42	
0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.11	
0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.67	
0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.15	
0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	2.00	
0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.15	
0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	3.38	
0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	10.95	
TOTAL	0.67	22.01	6.25	16.41	1.55	0.62	21.03	3.32	9.91	1.38	2.14	64.49	
	34.13	9.75	14.41	2.40	0.62	21.03	5.15	9.91	2.14	100.00			

(CONTINUED)

TABLE E-15 (CONTINUED)

ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986,
BY HOME OF RECORD AND
JROTC PROGRAM GRADUATED FROM

400	JROTC	10	11	12	13	14	20	21	22	23	24	TOTAL
FREQUENCY												
PERCENT												
ROW PCT												
CBL PCT												
49	0.00 0.00 0.00	0.17 40.74 0.50	0.02 0.70 0.14	0.22 22.22 0.43	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 22.22 0.43	0.00 3.00 3.00	0.00 11.11 0.31	0.00 0.00 0.00	0.22 0.22 0.22
50	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 50.00 0.22	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 3.00 3.00	0.00 50.00 0.31	0.00 0.00 0.00	0.00 0.00 0.00
51	0.02 2.33 0.00	0.44 14.29 1.86	0.45 10.10 4.61	0.34 12.77 3.77	0.14 3.51 3.51	0.14 3.51 3.51	0.22 5.56 5.56	0.22 5.56 5.56	0.76 16.67 16.67	0.76 16.67 16.67	0.14 3.51 3.51	2.07 4.45 4.45
52	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 3.00 3.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00
53	0.00 0.00 0.00	0.14 19.23 0.45	0.00 2.00 2.00	0.20 2.00 1.40	0.20 9.09 3.23	0.20 9.09 3.23	0.20 0.00 0.00	0.20 9.09 3.23	0.76 3.00 3.00	0.76 3.00 3.00	0.00 0.00 0.00	0.22 0.22 0.22
54	0.00 0.00 0.00	0.14 36.00 0.41	0.00 0.00 0.00	0.14 6.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.14 3.00 3.00	0.14 3.00 3.00	0.00 3.00 3.00	0.00 16.67 0.31	0.00 0.00 0.00	0.00 0.00 0.00
55	0.00 0.00 0.00	0.00 20.00 0.23	0.00 12.00 0.48	0.00 5.00 0.22	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 3.00 3.00	0.00 2.00 2.00	0.00 4.00 0.31	0.00 0.00 0.00	0.00 0.00 0.00
56	0.00 0.00 0.00	0.00 9.09 0.05	0.00 0.00 0.16	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 3.00 3.00	0.00 1.00 1.00	0.00 18.18 0.31	0.00 0.00 0.00	0.00 0.00 0.00
TOTAL	43 0.67	2201 34.13	629 9.75	929 14.41	133 2.49	133 2.49	27 0.42	2156 21.03	332 5.13	939 9.91	138 2.14	649 100.00

TABLE E-16

ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986,
BY AFQT CATEGORY AND BRANCH OF SERVICE ENLISTED INTO

AFQT	SERVICE				TOTAL
FREQUENCY PERCENT ROW PCT COL PCT	ARMY	NAVY	USAF	USMC	
0	0.000 0.000 0.000	0.000 0.000 0.000	0.117 100.000 0.700	0.000 0.000 0.000	3.17
3	0.000 0.000 0.000	0.000 100.000 0.14	0.000 0.000 0.000	0.000 0.000 0.000	3.03
4	1.166 4.273 3.133	1.191 3.230 13.000	0.000 0.000 0.000	0.000 0.000 0.000	5.63
5	1.413 4.273 3.092	5.62 2.871 3.241	3.66 1.333 3.073	3.329 1.333 4.333	26.70 41.40
6	1.783 3.117 2.424	2.73 1.433 1.907	2.66 1.433 2.671	1.99 1.309 2.400	15.29 23.71
7	1.809 2.554 2.490	3.74 2.330 2.300	3.16 1.433 3.130	3.00 1.310 2.600	16.99 25.35
8	1.63 3.001 2.001	0.333 3.000 3.700	0.333 2.133 3.333	0.21 1.073 2.79	1.79 2.78
TOTAL	32.38 50.24	14.63 22.69	15.926 15.44	11.752 11.66	64.69 103.00

TABLE E-17

ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986,
BY JROTC PROGRAM GRADUATED FROM AND
RACE/ETHNIC GROUP

JROTC	RACE/ETH	1	2	3	4	5	6	TOTAL
FREQUENCY	PERCENT							
COL	PCT							
10	10	50-10	30-14	0-0	0-0	0-0	3-0	0.36
		0-0	0-0	0-0	0-0	0-0	0-0	0.36
11	11	1-0	1-0	1-0	3-0	3-0	3-0	19.92
		0-0	0-0	0-0	0-0	0-0	0-0	34.28
12	12	3-0	3-0	0-0	1-0	0-0	2-0	9.58
		0-0	0-0	0-0	0-0	0-0	0-0	9.58
13	13	2-0	2-0	1-0	1-0	1-0	1-0	14.83
		0-0	0-0	0-0	0-0	0-0	0-0	14.83
14	14	2-0	4-0	0-0	0-0	0-0	2-0	2.34
		0-0	0-0	0-0	0-0	0-0	0-0	2.34
20	20	3-0	2-0	0-0	0-0	0-0	3-0	0.36
		0-0	0-0	0-0	0-0	0-0	0-0	0.36
21	21	1-0	2-0	1-0	1-0	2-0	2-0	12.80
		0-0	0-0	0-0	0-0	0-0	0-0	20.98
22	22	3-0	3-0	0-0	0-0	0-0	2-0	9.30
		0-0	0-0	0-0	0-0	0-0	0-0	9.30
23	23	3-0	3-0	0-0	0-0	0-0	3-0	9.54
		0-0	0-0	0-0	0-0	0-0	0-0	9.54
24	24	1-0	1-0	1-0	0-0	0-0	1-0	2.11
		0-0	0-0	0-0	0-0	0-0	0-0	2.11
TOTAL		31.36	38.24	27.80	0.76	1.63	3.93	100.00

TABLE E-18

ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986,
BY JROTC PROGRAM GRADUATED FROM AND
RACE/ETHNIC GROUP

JROTC	RACE/ETH	1	2	3	4	5	6	TOTAL
FREQUENCY PERCENT FROM COL PCT								
10		40.47 41.19	50.64 51.24	0.00 0.00	0.00 0.00	0.00 0.00	3.00 3.00	1.10
11		11.74 11.93	17.10 17.11	1.10 1.10	0.33 0.33	1.12 1.12	3.33 3.33	32.20
12		4.23 4.23	5.34 5.34	0.11 0.11	0.11 0.11	0.00 0.00	3.00 3.00	9.33
13		4.42 4.42	5.34 5.34	0.11 0.11	0.00 0.00	0.11 0.11	1.11 1.11	15.43
14		3.47 3.47	0.96 0.96	0.33 0.33	0.00 0.00	0.00 0.00	3.00 3.00	1.42
20		40.47 40.47	60.45 60.45	0.00 0.00	0.00 0.00	0.00 0.00	3.00 3.00	0.74
21		3.51 3.51	10.93 10.93	1.12 1.12	0.00 0.00	0.44 0.44	3.11 3.11	24.42
22		6.21 6.21	5.10 5.10	0.00 0.00	0.00 0.00	0.00 0.00	1.11 1.11	3.32
23		4.23 4.23	5.34 5.34	0.11 0.11	0.00 0.00	0.11 0.11	3.11 3.11	9.43
24		0.79 0.79	1.42 1.42	0.11 0.11	0.11 0.11	0.11 0.11	3.00 3.00	2.17
TOTAL		39.84	50.77	4.37	0.14	3.20	1.10	100.00

TABLE E-19

ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986,
BY HIGHEST YEAR OF EDUCATION COMPLETED AND
RACE/ETHNIC GROUP

HYEC	RACE/ETH						TOTAL
FREQUENCY PERCENT COL. PCT	1	2	3	4	5	6	
2	00:000 00:000 00:000	00:000 00:000 00:000	100:001 00:000 00:000	00:000 00:000 00:000	00:000 00:000 00:000	1:000 1:000 1:000	0.02
3	30:001 00:000 00:000	30:001 00:000 00:000	00:001 00:000 00:000	00:000 00:000 00:000	00:000 00:000 00:000	1:000 1:000 1:000	0.12
4	90:003 00:000 00:000	00:000 00:000 00:000	00:001 00:000 00:000	00:000 00:000 00:000	00:000 00:000 00:000	1:000 1:000 1:000	0.41
5	71:001 00:000 00:000	20:001 00:000 00:000	00:001 00:000 00:000	00:000 00:000 00:000	00:000 00:000 00:000	1:000 1:000 1:000	1.33
6	94:003 00:000 00:000	94:003 00:000 00:000	42:001 00:000 00:000	100:001 00:000 00:000	1:000 00:000 00:000	1:000 1:000 1:000	92.40
7	60:001 00:000 00:000	20:001 00:000 00:000	00:001 00:000 00:000	00:000 00:000 00:000	00:000 00:000 00:000	1:000 1:000 1:000	1.22
8	60:001 00:000 00:000	20:001 00:000 00:000	100:001 00:000 00:000	00:000 00:000 00:000	00:000 00:000 00:000	1:000 1:000 1:000	0.48
9	60:001 00:000 00:000	30:001 00:000 00:000	00:000 00:000 00:000	00:000 00:000 00:000	00:000 00:000 00:000	1:000 1:000 1:000	0.34
10	60:001 00:000 00:000	20:001 00:000 00:000	100:001 00:000 00:000	00:000 00:000 00:000	00:000 00:000 00:000	1:000 1:000 1:000	0.33
13	71:001 00:000 00:000	10:001 00:000 00:000	00:001 00:000 00:000	00:000 00:000 00:000	00:000 00:000 00:000	1:000 1:000 1:000	1.28
TOTAL	51:28 51.77	32:23 38.24	4:29 4.55	0:28 0.43	1:03 1.03	3:45 3.45	100.00

TABLE E-20

ALL SERVICES JROTC GRADUATES FOR FISCAL YEAR 1986,
BY HIGHEST YEAR OF EDUCATION COMPLETED AND
RACE/ETHNIC GROUP

HYEC	RACE/ETH						
FREQUENCY PERCENT ROW COL BY	1	2	3	4	5	6	TOTAL
2	0.00	0.00	0.00	0.00	0.00	3.00	0.00
	0.00	0.00	0.00	0.00	0.00	3.00	
3	0.00	0.00	0.00	0.00	0.00	3.00	0.00
	0.00	0.00	0.00	0.00	0.00	3.00	
4	0.00	0.00	0.00	0.00	0.00	3.00	0.00
	0.00	0.00	0.00	0.00	0.00	3.00	
5	0.00	0.00	0.00	0.00	0.00	3.00	0.00
	0.00	3.00	0.00	0.00	0.00	3.00	
6	39.23 30.00 98.82	30.00 30.00 98.82	4.23 4.23 93.10	0.00 0.00 100.00	3.00 3.00 93.00	1.00 1.00 100.00	95.43
7	20.00 1.00 1.00	7.00 1.00 1.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	3.00 3.00 3.00	2.00
8	20.00 0.00 0.00	4.00 0.00 0.00	10.00 3.00 3.00	0.00 0.00 0.00	10.00 3.00 3.00	3.00 3.00 3.00	1.10
9	50.00 0.00 0.00	50.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	3.00 3.00 3.00	0.30
10	50.00 0.00 0.00	50.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	0.00 0.00 0.00	3.00 3.00 3.00	0.60
13	0.00 0.00 0.00	0.00 0.00 0.00	10.00 3.00 3.00	0.00 0.00 0.00	0.00 0.00 0.00	3.00 3.00 3.00	0.10
TOTAL	39.23	30.00	4.23	0.00	3.00	1.10	100.00

TABLE E-21

ALL SERVICES JROTC MALE GRADUATES FOR FISCAL YEAR 1986,
BY AFQT CATEGORY AND RACE/ETHNIC GROUP

AFQT FREQUENCY PERCENT ROW PCT COL PCT	RACE/ETH						TOTAL
	1	2	3	4	5	6	
0	4 0-07 66-67 0-13	1 0-03 16-67 0-04	1 0-02 16-67 0-13	0 0-00 0-00 0-00	0 0-00 0-00 0-00	0 3-00 3-00 3-00	6 0-10
3	0 0-00 0-00 0-00	1 0-02 50-00 0-04	0 0-00 0-00 0-00	0 0-00 0-00 0-00	1 0-02 50-00 1-03	0 3-00 3-00 3-00	2 0-03
4	101 1-74 28-06 3-23	232 3-99 64-44 10-39	17 0-29 4-72 6-07	2 0-33 0-35 7-59	7 7-12 1-94 7-37	1 3-02 3-02 1-82	360 6-19
5	886 15-24 36-16 28-34	1366 23-50 55-78 61-17	122 2-10 4-98 43-73	10 0-17 0-11 38-46	35 7-40 1-43 35-24	30 7-32 7-32 56-53	2649 42-12
6	810 13-93 61-78 25-91	396 6-81 30-21 17-73	63 1-03 4-81 22-58	7 0-12 0-13 26-32	23 9-40 1-75 26-21	12 3-21 3-21 21-82	1111 22-33
7	1173 20-18 77-22 37-52	232 3-99 15-27 10-39	72 1-24 4-74 25-61	6 0-10 0-13 25-38	25 9-43 1-63 26-32	11 3-19 3-19 23-06	1519 26-13
8	152 2-61 91-02 4-86	5 0-09 2-99 0-22	1 0-07 2-40 1-43	1 0-32 9-50 3-52	4 9-47 2-40 4-21	1 3-02 3-02 1-82	167 2-87
TOTAL	3126 53-77	2233 38-41	279 4-80	26 0-15	95 1-63	55 3-95	5816 100-00

TABLE E-22

ALL SERVICES JROTC FEMALE GRADUATES FOR FISCAL YEAR 1986,
BY AFQT CATEGORY AND RACE/ETHNIC GROUP

AFQT	RACE/ETH	1	2	3	4	5	6	TOTAL
FREQUENCY								
PERCENT								
ROW PCT								
COL PCT								
0		1	0	0	0	0	0	0.16
		0.00	0.00	0.00	0.00	0.00	0.00	
		100.00	0.00	0.00	0.00	0.00	0.00	
		0.40	0.00	0.00	0.00	0.00	0.00	
3		0	0	0	0	0	0	0.00
		0.00	0.00	0.00	0.00	0.00	0.00	
		0.00	0.00	0.00	0.00	0.00	0.00	
4		0	3	0	0	0	0	0.47
		0.00	0.47	0.00	0.00	0.00	0.00	
		0.00	100.00	0.00	0.00	0.00	0.00	
		0.00	0.93	0.00	0.00	0.00	0.00	
5		63	133	12	2	7	4	221
		9.92	20.94	1.89	0.31	1.19	7.63	
		28.51	60.18	7.43	0.90	3.17	51.81	
		24.90	41.38	4.13	50.00	35.00	51.81	
6		71	124	12	1	7	3	218
		11.18	19.53	1.89	0.16	1.19	7.63	
		32.57	56.88	7.43	0.16	3.17	51.81	
		28.06	38.51	4.13	25.00	35.00	42.86	
7		109	61	3	1	6	0	180
		17.17	9.61	0.47	0.16	0.94	0.00	
		60.56	33.89	1.47	0.16	3.33	0.00	
		43.08	18.94	10.34	25.00	30.00	0.00	
8		9	1	2	0	0	0	12
		1.42	0.16	0.31	0.00	0.00	0.00	
		75.00	8.33	16.67	0.00	0.00	0.00	
		35.56	0.31	5.90	0.00	0.00	0.00	
TOTAL		253	322	29	4	20	7	633
		39.84	50.71	4.57	0.63	3.15	1.10	100.00

TABLE E-23

ALL SERVICES JROTC MALE GRADUATES FOR FISCAL YEAR 1986,
BY BRANCH OF SERVICE ENLISTED INTO AND RACE/ETHNIC GROUP

SVC	RACE/ETH	1	2	3	4	5	6	TOTAL
FREQUENCY								
PERCENT								
ROW PCT								
COL PCT								
1		14.35	12.47	12.2	12	57	25	2898
		24.68	21.45	2.10	0.21	0.98	3.43	49.85
		49.52	43.03	43.73	46.15	1.97	7.86	
		45.91	55.84			60.00	45.45	
2		6.46	37.6	5.6	9	20	5	1110
		11.11	6.47	0.93	0.11	7.34	0.09	19.09
		55.20	33.87	6.86	0.32	1.30	3.45	
		20.67	16.84	19.35	34.52	21.05	3.09	
3		5.46	27.2	23	2	12	11	866
		9.39	4.63	0.40	0.33	0.21	7.19	14.90
		63.05	31.41	2.66	0.33	1.39	1.27	
		17.47	12.18	8.24	7.59	12.63	23.00	
4		37.9	25.4	6.1	3	6	14	717
		6.52	4.37	1.05	0.35	0.10	7.24	12.33
		52.86	35.43	8.51	0.42	0.84	1.95	
		12.12	11.37	21.36	11.54	6.32	25.45	
8		1.20	8.4	1.9	0	0	0	223
		2.06	1.44	0.33	0.00	0.00	3.00	3.84
		53.81	37.67	8.52	0.00	0.00	3.00	
		3.24	3.76	6.81	0.00	0.00	3.00	
TOTAL		3126	2235	279	26	95	55	5814
		53.77	38.41	4.80	0.45	1.63	3.95	100.00

TABLE E-24

ALL SERVICES JROTC FEMALE GRADUATES FOR FISCAL YEAR 1986,
BY BRANCH OF SERVICE ENLISTED INTO AND RACE/ETHNIC GROUP

SVC	RACE/ETH	1	2	3	4	5	6	TOTAL
FREQUENCY PERCENT RJW PCT COL PCT								
1		118 18.58 34.71 46.64	190 29.92 55.88 59.01	10 1.57 2.94 34.48	3 0.47 0.85 75.00	15 2.36 4.41 75.00	4 2.63 1.18 57.14	340 53.56
2		54 8.50 42.19 21.34	58 9.13 45.31 18.01	13 2.05 10.16 44.82	0 0.00 0.00 0.00	2 0.31 1.56 10.00	1 2.16 3.78 16.29	128 20.16
3		63 9.92 48.46 24.90	61 9.61 46.92 18.94	2 0.31 1.54 6.93	0 0.00 0.00 0.00	2 0.31 1.54 10.00	2 2.31 1.54 23.57	130 20.47
4		17 2.68 48.57 6.72	12 1.89 34.29 3.73	4 0.63 11.43 13.79	1 0.16 2.36 25.00	1 2.16 3.86 5.00	0 2.00 3.00 3.00	35 5.51
8		1 0.16 50.00 0.40	1 0.16 50.00 0.31	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 0.00 0.00 0.00	0 2.00 3.00 3.00	2 0.31
TOTAL		253 39.84	322 50.71	29 4.57	4 0.53	20 3.15	7 1.10	635 100.00

TABLE F-1

TERM OF ENLISTMENT FOR ALL NAVY JROTC PROGRAM GRADUATES

TOE	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
2	18	1.9	18	1.9
3	209	21.7	227	23.5
4	656	68.3	883	91.7
6	31	3.2	914	95.1
8	47	4.9	961	100.0

TABLE F-2

ENTERING PAYGRADE FOR ALL NAVY JROTC PROGRAM GRADUATES

ENT_PG	FREQUENCY	PERCENT	CUMULATIVE FREQUENCY	CUMULATIVE PERCENT
1	122	12.7	122	12.7
2	292	29.3	404	42.0
3	556	57.9	960	99.9
4	1	0.1	961	100.0

TABLE F-3

NAVY JROTC PROGRAM GRADUATES FOR FISCAL YEAR 1986,
BY SEX AND BRANCH OF SERVICE ENLISTED INTO

SEX	SERVICE	ARMY	NAVY	USAF	USMC	TOTAL
FREQUENCY ROW PCT COL PCT						
1		319 33.19 36.67 88.86	344 35.30 39.54 91.01	83 8.54 9.54 20.22	124 12.90 14.25 93.94	870 93.53
2		40 4.16 43.96 11.14	34 3.54 37.36 8.99	9 0.94 9.39 9.78	8 0.83 8.79 6.06	91 9.47
TOTAL		359 37.36	378 39.33	92 9.57	132 13.74	961 103.00

TABLE F-4

NAVY JROTC PROGRAM GRADUATES FOR FISCAL YEAR 1986,
BY RACE/ETHNIC GROUP AND
BRANCH OF SERVICE ENLISTED INTO

RACE/ETH	SERVICE				
FREQUENCY PERCENT ROW PCT COL PCT	ARMY	NAVY	USAF	USMC	TOTAL
1	126 20.40 45.77 54.60	224 23.31 40.98 59.26	39 6.14 10.77 64.13	69 7.18 12.59 52.27	548 57.02
2	155 16.13 45.32 45.18	111 11.55 32.46 29.37	27 2.31 7.90 29.35	49 5.10 14.33 37.12	342 35.39
3	3 0.31 0.98 0.34	29 3.02 67.44 7.67	3 0.31 6.98 3.26	8 0.83 13.60 6.06	43 4.47
4	1 0.10 16.67 0.28	4 0.42 66.67 1.06	0 0.00 0.00 0.00	1 0.10 16.67 0.76	6 0.62
5	3 0.31 25.00 0.34	7 0.73 58.33 1.33	1 0.10 8.33 1.33	1 0.10 8.33 0.76	12 1.25
6	1 0.10 10.00 0.29	3 0.31 30.00 0.79	2 0.21 20.00 2.17	4 0.42 40.00 3.03	10 1.04
TOTAL	359 37.36	378 39.33	72 9.37	132 13.74	961 100.00

TABLE F-5

NAVY JROTC PROGRAM GRADUATES FOR FISCAL YEAR 1986,
BY RACE/ETHNIC GROUP AND AFQT CATEGORY

RACE/ETH FREQUENCY PERCENT ROW PCT COL PCT	AFQT						TOTAL
	4	5	6	7	8	9	
1	25 2.60 4.56 37.31	158 16.44 28.83 40.93	137 14.26 25.00 61.16	200 20.81 36.50 78.13	28 2.91 5.11 103.00		548 57.02
2	35 3.64 10.23 52.24	203 21.12 59.36 52.59	64 6.66 18.71 28.57	40 4.16 11.70 15.63	0 0.00 0.00 0.00		342 35.59
3	6 0.62 13.95 8.96	17 1.77 39.53 4.40	11 1.14 25.58 4.91	9 0.94 20.93 3.52	0 0.00 0.00 0.00		43 4.47
4	0 0.00 0.00 0.00	1 0.10 16.67 0.26	3 0.31 50.00 1.34	2 0.21 33.33 0.78	0 0.00 0.00 0.00		6 0.62
5	1 0.10 8.33 1.49	4 0.42 33.33 1.04	6 0.62 50.00 2.58	1 0.10 8.33 0.39	0 0.00 0.00 0.00		12 1.25
6	0 0.00 0.00 0.00	3 0.31 30.00 0.78	3 0.31 30.00 1.34	4 0.42 40.00 1.56	0 0.00 0.00 0.00		10 1.04
TOTAL	67 6.97	386 40.17	224 23.31	256 26.64	23 2.91		961 100.00

TABLE F-6

NAVY JROTC PROGRAM GRADUATES FOR FISCAL YEAR 1986,
BY SEX AND AFQT CATEGORY

SEX	AFQT	4	5	6	7	8	TOTAL
FREQUENCY PERCENT ROW PCT COL PCT							
1		66 6.87 7.53 98.51	354 36.36 40.69 91.71	196 20.40 22.53 57.50	228 23.73 26.21 89.06	26 2.71 2.99 92.86	870 90.53
2		1 0.10 1.10 1.49	32 3.33 35.16 8.29	28 2.91 30.77 12.50	28 2.91 30.77 10.94	2 0.21 2.20 7.14	91 9.47
TOTAL		67 6.97	386 40.17	224 23.31	256 26.64	28 2.91	961 100.00

TABLE F-7

NAVY JROTC PROGRAM GRADUATES FOR FISCAL YEAR 1986,
BY SEX AND RACE/ETHNIC GROUP

SEX	RACE/ETH	1	2	3	4	5	6	TOTAL
	FREQUENCY							
	PERCENT							
	ROW PCT							
	COL PCT							
1		502	302	40	5	12	9	870
		52.24	31.43	4.16	0.52	1.25	3.94	90.53
		57.70	34.71	4.60	0.57	1.38	1.03	
		91.61	88.30	93.02	83.33	100.00	93.00	
2		46	40	3	1	0	1	91
		4.79	4.16	0.31	0.10	0.00	3.10	9.47
		50.55	43.96	3.30	1.10	0.00	1.10	
		8.39	11.70	6.98	16.57	0.00	13.00	
TOTAL		548	342	43	6	12	10	961
		57.02	35.59	4.47	0.52	1.25	1.04	100.00

TABLE F-8

NAVY JROTC PROGRAM GRADUATES FOR FISCAL YEAR 1986,
BY HIGHEST YEAR OF EDUCATION COMPLETED AND
BRANCH OF SERVICE ENLISTED INTO

HYEC	SERVICE				TOTAL
FREQUENCY PERCENT ROW PCT COL PCT	ARMY	NAVY	USAF	USMC	
2	0.000 0.000 0.000	100.000 0.200 0.200	0.000 0.000 0.000	0.000 0.000 0.000	3.10
3	0.000 0.000 0.000	100.000 0.500 0.500	0.000 0.000 0.000	0.000 0.000 0.000	3.21
4	60.000 0.000 0.000	20.000 0.000 0.000	0.000 0.000 0.000	20.000 0.000 0.000	3.52
5	10.000 0.000 0.000	70.000 0.000 0.000	0.000 0.000 0.000	0.000 0.000 0.000	1.19
6	90.000 0.000 0.000	30.000 0.000 0.000	90.000 0.000 0.000	10.000 0.000 0.000	92.30
7	30.000 0.000 0.000	30.000 0.000 0.000	30.000 0.000 0.000	0.000 0.000 0.000	1.12
8	20.000 0.000 0.000	50.000 0.000 0.000	20.000 0.000 0.000	0.000 0.000 0.000	3.92
9	20.000 0.000 0.000	70.000 0.000 0.000	0.000 0.000 0.000	0.000 0.000 0.000	3.42
10	50.000 0.000 0.000	40.000 0.000 0.000	0.000 0.000 0.000	0.000 0.000 0.000	3.73
13	20.000 0.000 0.000	70.000 0.000 0.000	0.000 0.000 0.000	0.000 0.000 0.000	1.15
TOTAL	359 37.36	378 39.33	32 9.57	132 13.74	961 100.00

TABLE F-9

NAVY JROTC PROGRAM GRADUATES FOR FISCAL YEAR 1986,
BY HIGHEST YEAR OF EDUCATION COMPLETED AND
RACE/ETHNIC GROUP

HYEC	RACE/ETH						TOTAL
	1	2	3	4	5	6	
2	00:000 00:000 00:000	00:000 00:000 00:000	100:000 20:000 00:000	00:000 00:000 00:000	00:000 00:000 00:000	00:000 00:000 00:000	0.10
3	50:000 00:000 00:000	50:000 00:000 00:000	00:000 00:000 00:000	00:000 00:000 00:000	00:000 00:000 00:000	00:000 00:000 00:000	0.24
4	100:000 00:000 00:000	00:000 00:000 00:000	00:000 00:000 00:000	00:000 00:000 00:000	00:000 00:000 00:000	00:000 00:000 00:000	0.52
5	50:000 00:000 00:000	50:000 00:000 00:000	20:000 00:000 00:000	00:000 00:000 00:000	00:000 00:000 00:000	00:000 00:000 00:000	1.98
6	50:000 00:000 00:000	50:000 00:000 00:000	20:000 00:000 00:000	00:000 00:000 00:000	00:000 00:000 00:000	00:000 00:000 00:000	92.87
7	50:000 00:000 00:000	50:000 00:000 00:000	00:000 00:000 00:000	00:000 00:000 00:000	00:000 00:000 00:000	00:000 00:000 00:000	1.23
8	70:000 00:000 00:000	00:000 00:000 00:000	20:000 00:000 00:000	00:000 00:000 00:000	00:000 00:000 00:000	00:000 00:000 00:000	0.92
9	100:000 00:000 00:000	00:000 00:000 00:000	00:000 00:000 00:000	00:000 00:000 00:000	00:000 00:000 00:000	00:000 00:000 00:000	0.42
10	80:000 00:000 00:000	20:000 00:000 00:000	00:000 00:000 00:000	00:000 00:000 00:000	00:000 00:000 00:000	00:000 00:000 00:000	0.75
13	80:000 00:000 00:000	20:000 00:000 00:000	00:000 00:000 00:000	00:000 00:000 00:000	00:000 00:000 00:000	00:000 00:000 00:000	1.32
TOTAL	348 57.02	342 55.59	44 4.47	0.52	1.23	1.04	100.91

TABLE F-10

NAVY JROTC PROGRAM GRADUATES FOR FISCAL YEAR 1986,
BY HIGHEST YEAR OF EDUCATION COMPLETED AND SEX

HYEC		SEX		TOTAL
FREQUENCY	PERCENT			
ROW	PCT			
COL	PCT	1	2	
2		1	0	1
		00.10	0.00	0.10
		100.00	0.00	
		0.11	0.00	
3		2	0	2
		00.21	0.00	0.21
		100.00	0.00	
		0.23	0.00	
4		5	0	5
		00.53	0.00	0.53
		100.00	0.00	
		0.54	0.00	
5		19	0	19
		10.08	0.00	1.08
		100.00	0.00	
		2.19	0.00	
6		802	33	835
		83.80	3.61	92.30
		90.44	3.61	
		92.13	3.61	
7		9	3	12
		00.94	20.33	1.25
		73.00	3.30	
		1.03	3.30	
8		9	0	9
		00.94	0.00	0.94
		100.00	0.00	
		1.03	0.00	
9		4	0	4
		00.62	0.00	0.62
		100.00	0.00	
		0.49	0.00	
10		5	2	7
		00.52	20.21	0.73
		71.43	2.20	
		0.57	2.20	
13		14	1	15
		1.46	0.10	1.56
		93.53	6.57	
		1.51	1.10	
TOTAL		870	91	961
		90.53	9.47	100.00

TABLE F-11

NAVY JROTC PROGRAM GRADUATES FOR FISCAL YEAR 1986,
BY AGE AT ENTRY INTO THE MILITARY AND
BRANCH OF SERVICE ENLISTED INTO

AGE	AGENT	SERVICE				TOTAL
		ARMY	NAVY	USAF	USMC	
FREQUENCY	PERCENT					
COL	PCT					
17	39	37.39	37.37	0.56	1.16	93
	6.06	37.39	37.37	0.56	1.16	13.20
	10.80	37.39	37.37	0.56	1.16	
16	166	17.16	18.13	4.45	7.71	662
	27.92	17.16	18.13	4.45	7.71	43.07
	35.93	17.16	18.13	4.45	7.71	
	46.24	17.16	18.13	4.45	7.71	
19	66	6.66	7.70	1.14	2.23	175
	7.71	6.66	7.70	1.14	2.23	13.21
	18.58	6.66	7.70	1.14	2.23	
20	38	3.83	4.40	1.10	1.13	100
	5.95	3.83	4.40	1.10	1.13	13.41
	10.90	3.83	4.40	1.10	1.13	
21	12	1.12	1.14	0.33	0.77	45
	2.33	1.12	1.14	0.33	0.77	6.68
	5.20	1.12	1.14	0.33	0.77	
22	31	3.13	3.37	1.12	1.11	81
	5.33	3.13	3.37	1.12	1.11	5.43
	8.64	3.13	3.37	1.12	1.11	
TOTAL		37.39	37.37	9.72	13.13	961
		37.36	39.33	9.57	13.74	103.00

TABLE F-12

NAVY JROTC PROGRAM GRADUATES FOR FISCAL YEAR 1986,
BY AGE AT ENTRY INTO THE MILITARY AND
RACE/ETHNIC GROUP

AGENT	RACE/ETH						
FREQUENCY PERCENT ROW PCT COL PCT	1	2	3	4	5	6	TOTAL
17	62 6-45 63-27 11-31	29 3-02 29-59 8-48	4 0-42 4-08 9-30	0 0-00 0-00 0-00	1 0-10 1-02 5-33	2 3-21 3-04 23-00	98 10-20
18	266 27-68 57-58 48-54	162 16-86 35-06 47-37	20 2-08 4-33 46-51	5 0-32 1-38 23-33	7 0-73 1-52 56-33	2 3-21 3-43 23-00	462 48-07
19	95 9-39 54-29 17-34	67 6-97 38-29 19-59	8 0-93 4-57 18-60	1 0-10 0-57 16-57	1 0-10 0-57 9-33	3 3-31 1-71 33-00	175 18-21
20	45 4-68 45-00 8-21	49 5-10 49-00 14-33	4 0-42 4-00 9-30	0 0-00 0-00 0-00	2 0-21 2-00 16-67	0 3-00 3-00 3-00	100 10-41
21	19 1-98 42-22 3-47	23 2-39 51-11 6-73	2 0-21 4-44 4-65	0 0-00 0-00 0-00	0 0-00 0-00 0-00	1 3-10 2-22 13-00	45 4-68
22	61 6-35 75-31 11-13	12 1-25 14-81 3-51	5 0-52 6-17 11-63	0 0-00 0-00 0-00	1 0-10 1-23 5-33	2 3-21 3-47 23-00	81 8-43
TOTAL	548 57-02	342 35-59	43 4-47	6 0-52	12 1-25	10 1-04	961 100-00

TABLE F-13

NAVY JROTC PROGRAM GRADUATES FOR FISCAL YEAR 1986,
BY AGE AT ENTRY INTO THE MILITARY AND SEX

AGE	ENT	SEX			TOTAL
FREQUENCY	PERCENT		1	2	
ROW	PCT				
COL	PCT				
17	94				
	95.73			0.42	98
	95.93			4.08	10.20
	10.80			4.40	
18	419				
	43.60			4.47	462
	90.69			9.31	48.07
	48.16			47.25	
19	137				
	16.34			1.13	175
	89.71			10.37	13.21
	18.05			19.78	
20	91				
	9.47			0.34	100
	91.00			9.00	10.41
	10.46			9.89	
21	37				
	3.95			0.33	45
	82.22			17.73	4.68
	4.25			8.79	
22	72				
	7.49			0.34	81
	83.89			11.11	8.43
	8.28			9.39	
TOTAL	870			31	961
	90.53			9.47	100.00

TABLE F-14

NAVY JROTC PROGRAM GRADUATES FOR FISCAL YEAR 1986,
BY HOME OF RECORD AND JROTC PROGRAM GRADUATED FROM

HQR	JROTC		TOTAL
	FREQUENCY PERCENT HQR PCT COL PCT		
1	17 80.0 2.70	2 10.0 0.10	1.18
2	10 50.0 0.10	1 50.0 0.10	0.21
4	7 50.0 1.10	3 40.0 1.10	1.13
5	9 70.0 1.10	3 20.0 0.10	1.13
6	24 80.0 3.00	2 20.0 0.10	4.10
10	10 100.0 0.10	0 0.0 0.00	0.10
11	10 100.0 0.10	0 0.0 0.00	0.10
12	10 100.0 1.10	3 30.0 1.10	1.13
13	7 70.0 1.10	2 20.0 0.10	1.13
14	30 50.0 0.10	3 50.0 0.10	1.10
15	10 80.0 0.10	2 10.0 0.10	0.62
16	7 70.0 0.10	3 20.0 0.10	0.42
TOTAL	65.65	34.35	100.00

(CONTINUED)

TABLE F-14 (CONTINUED)

NAVY JROTC PROGRAM GRADUATES FOR FISCAL YEAR 1986,
BY HOME OF RECORD AND JROTC PROGRAM GRADUATED FROM

HQR	JROTC		TOTAL
	FREQUENCY ROW COL	PERCENT PCT PCT	
17	0-4 0-0 0-0	3-1 0-0 0-0	0.62
18	7-0 7-0 7-0	2-0 0-0 0-0	1.23
20	4-0 0-0 0-0	3-0 0-0 0-0	0.34
21	6-1 2-0 2-0	4-0 0-0 0-0	3.12
22	8-1 3-0 3-0	1-0 1-0 1-0	2.39
24	8-2 5-0 3-0	1-0 1-0 1-0	3.02
25	8-0 1-0 1-0	1-0 0-0 0-0	0.83
26	7-0 7-0 7-0	2-0 0-0 0-0	1.23
27	4-0 0-0 0-0	3-0 0-0 0-0	0.34
28	7-1 2-0 2-0	2-0 0-0 0-0	2.60
29	3-0 0-0 0-0	7-0 0-0 0-0	1.04
30	8-0 0-0 0-0	0-0 1-0 0-0	0.73
TOTAL	45.629	34.371	100.00

(CONTINUED)

TABLE F-14 (CONTINUED)

NAVY JROTC PROGRAM GRADUATES FOR FISCAL YEAR 1986,
BY HOME OF RECORD AND JROTC PROGRAM GRADUATED FROM

HQR	JROTC		TOTAL
	FREQUENCY PERCENT ROW PCT COL PCT		
32	50.000 0.000 0.000	40.000 1.200 0.000	0.94
33	20.000 0.000 0.000	80.000 1.200 0.000	0.52
34	80.000 1.200 0.000	20.000 0.000 0.000	1.04
35	82.000 3.200 0.000	10.000 1.200 0.000	3.02
36	100.000 0.000 0.000	0.000 0.000 0.000	0.62
37	68.000 9.600 0.000	32.000 7.200 0.000	8.82
38	0.000 0.000 0.000	100.000 0.000 0.000	3.10
39	72.000 3.200 0.000	28.000 1.200 0.000	2.74
40	30.000 0.000 0.000	60.000 0.000 0.000	0.34
41	0.000 0.000 0.000	100.000 0.000 0.000	0.10
42	61.000 1.200 0.000	39.000 2.200 0.000	1.98
44	80.000 3.200 0.000	10.000 0.000 0.000	0.62
TOTAL	629 65.45	332 34.55	961 100.00

(CONTINUED)

TABLE F-14 (CONTINUED)

NAVY JROTC PROGRAM GRADUATES FOR FISCAL YEAR 1986,
BY HOME OF RECORD AND JROTC PROGRAM GRADUATED FROM

HOR	JROTC		TOTAL
FREQUENCY	12	22	
PERCENT			
ROW PCT			
COL PCT			
45	46	22	68
	4.79	2.79	7.08
	67.55	32.55	
	7.31	6.53	
47	13	3	23
	1.56	0.33	2.39
	63.23	34.78	
	2.38	2.44	
48	42	61	83
	4.37	4.27	8.64
	50.60	49.60	
	6.68	12.35	
49	1	0	1
	0.10	0.00	0.10
	100.00	0.00	
	0.16	0.00	
51	29	49	78
	3.02	5.10	8.12
	37.16	62.32	
	4.61	14.76	
52	0	1	1
	0.00	0.10	0.10
	0.00	100.00	
	0.00	0.30	
53	13	3	16
	1.33	0.33	1.66
	81.25	13.75	
	2.07	0.90	
55	3	5	8
	0.33	0.53	0.83
	37.50	62.50	
	0.48	1.34	
56	1	2	3
	0.10	0.21	0.31
	33.33	66.67	
	0.15	0.30	
TOTAL	629	332	961
	65.45	34.55	100.00

TABLE F-15

NAVY JROTC PROGRAM GRADUATES FOR FISCAL YEAR 1986,
BY AFQT CATEGORY AND BRANCH OF SERVICE ENLISTED INTO

AFQT	SERVICE				TOTAL
FREQUENCY PERCENT ROW PCT COL PCT	ARMY	NAVY	USAF	USMC	
4	1.19 23.36 5.29	4.46 68.56 12.17	0.21 2.39 2.17	0.00 0.00 0.00	5.67 5.97
5	1.15 15.92 39.64 42.62	1.13 14.46 36.01 36.77	3.32 8.33 34.73	1.62 6.45 16.06 46.97	43.86 43.17
6	8.82 38.57 39.61 22.04	8.85 38.44 37.95 22.49	2.21 9.10 9.38 22.33	1.36 3.75 15.07 27.27	23.24 23.31
7	1.97 10.09 37.89 27.02	1.91 9.47 35.85 24.07	1.35 3.36 35.57 38.74	1.33 3.43 25.89 25.00	25.26 25.64
8	0.83 28.37 2.23	1.17 1.77 60.71 4.50	0.21 2.14 2.17	0.11 0.57 0.76	2.28 2.91
TOTAL	35.9 37.36	37.3 39.33	9.72 9.57	13.2 13.74	96.1 103.00

TABLE F-16

NAVY JROTC MALE PROGRAM GRADUATES FOR FISCAL YEAR 1986,
BY JROTC PROGRAM GRADUATED FROM AND
RACE/ETHNIC GROUP

JROTC	RACE/ETH	1	2	3	4	5	6	TOTAL
FREQUENCY PERCENT ROW PCT COL PCT								
12		324 37.24 56.84 64.54	207 23.79 36.32 68.54	24 2.76 4.21 60.00	3 0.34 0.53 60.00	7 0.80 1.23 58.33	5 0.57 0.88 55.56	570 65.52
22		178 20.46 58.33 35.46	95 10.92 31.67 31.46	16 1.84 5.33 40.00	2 0.23 0.57 40.00	5 0.57 1.67 41.67	4 0.46 1.33 44.44	300 34.48
TOTAL		502 57.70	302 34.71	40 4.60	5 0.57	12 1.38	9 1.03	870 100.00

TABLE F-17

NAVY JROTC FEMALE PROGRAM GRADUATES FOR FISCAL YEAR 1986,
BY JROTC PROGRAM GRADUATED FROM AND RACE/ETHNIC GROUP

JROTC	RACE/ETH	1	2	3	4	5	6	TOTAL
FREQUENCY								
PERCENT								
ROW PCT								
COL PCT								
12	25	30	3	1	0	0	6	59
	27-47	32-97	3-30	1-10	0-00	2-00	0	64.84
	42-37	50-85	5-08	1-39	0-00	3-00	0	
	54-35	75-00	100-00	100-00	0	0	0	
22	21	10	0	0	0	1	32	
	23-08	10-99	0-00	0-00	0-00	14-19	1	35.16
	65-63	31-25	0-00	0-00	0-00	3-13	0	
	45-65	25-00	0-00	0-00	0	100-00	0	
TOTAL	46	40	3	1	0	1	91	
	50.55	43.96	3.30	1.10	0.00	1.10	100.00	

END NOTES

1. Chief of Staff of the Army Headquarters, Department of the Army, ROTC Study Group Report Vol. II - JROTC (1916-1985), Government Printing Office, Washington, D.C., 1986.
2. Chief of Naval Education and Training, Department of the Navy, NJROTC Fact Sheet, Government Printing Office, Washington, D.C., 1986, p. 1.
3. Ibid., p. 1.
4. Ibid., p. 1.
5. Chief of Naval Education and Training, Department of the Navy, NJROTC Information Booklet, Government Printing Office, Washington, D.C., 1986, p.1.
6. Certain variables (e.g., sex) had a category for members who did not fall under the proper classification (e.g., male or female). This undefined category is due to having a blank on this portion of the file format sheet. The amount of these errors for all variables was under one percent of the total population size observed.
7. Due to the errors mentioned above in end note six, the cross-tabulation tables reflected a difference in totals between certain variables measured. Again, this difference in totals was never greater than one percent of the total population size observed.
8. Data from fiscal years 1977-1986 were used because the files prior to fiscal year 1977 were incomplete and the files for fiscal year 1987 were not fully updated when this research began.
9. Berenson, M.L. and Levine, D.M., Basic Business Statistics Concepts and Applications, third edition, p. 111, Prentice-Hall, 1986.
10. Ibid., p. 113.
11. Bowman, W., Little, R., and Sillicia, G.T., The All-Volunteer Force After a Decade, p. 33, Pergamon-Brassey's, 1986.

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